



STATISTICS OF MINES IN INDIA VOLUME –I (COAL) 2011



खान सुरक्षा महानिदेशालय
Directorate-General of Mines Safety
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
भारत सरकार
Government of India

STATISTICS OF MINES IN INDIA

VOLUME-I (COAL)

2011

**DIRECTORATE-GENERAL OF MINES SAFETY
MINISTRY OF LABOUR &EMPLOYMENT
GOVERNMENT OF INDIA**

प्रस्तावना

खान सुरक्षा महानिदेशालय जिस पर देशभर में खान अधिनियम 1952 को प्रवर्तित करने की जिम्मेवारी है, कोयला खान विनियम 1957 के तहत विविध सांविधिक विवरणी एवं सूचनाएँ प्राप्त करते हैं। “स्टैटिस्टिक्स ऑफ माइन्स इन इन्डिया”- वॉल्यूम-I (कोल) शीर्षक नामक वर्ष 2011 के लिए यह प्रकाशन ऐसी ही विवरणी एवं सूचनाओं पर आधित है जो खान अधिनियम 1952 की अधिकारिता के अन्तर्गत आनेवाले भारत के सभी कोयला खानों को समाविष्ट करता है।

यह प्रकाशन रोजगार, उत्पादन, उत्पादकता तथा अन्य सम्बद्ध रूपरेखाओं जैसे कोयला खानों में सीम की गैरीबेस, यंत्रीकरण तथा विस्फोटको आदि का प्रयोग सम्बन्धित सूचना पर प्रकाश डालता है। इसके अतिरिक्त संदर्भ वर्ष के दौरान कोयला के खानों में घटित प्रत्येक प्राणघातक दुर्घटना के सम्बन्ध में डी. जी. एम. एस. के अधिकारियों द्वारा सम्पादित जाँच के नतीजों का संक्षिप्त वर्णन भी दिया गया है। इस प्रकाशन में चार या उससे अधिक मृत्यु की सूची तथा वर्ष 1901 से कोयला के खानों में घटित विभिन्न दुर्घटनाओं के लिए गठित जाँच-व्यायालयों की अद्यतन सूची को भी शामिल किया गया है।

मुझे आशा है कि यह खंड कोयला खनन उद्योग से परोक्ष या अपरोक्ष रूप से जुड़े सभी व्यक्तियों के लिए लाभकारी होगा।

इस खंड में सुधार सम्बन्धित यदि कोई सुझाव हो तो उसका स्वागत है।

१.३६

राहुल गुहा

खान सुरक्षा महानिदेशक

अक्टूबर, 2014
दनबाद।

PREFACE

Directorate General of Mines Safety, entrusted to enforce the Mines Act, 1952 throughout the country, receives various statutory Returns and Notices under the Coal Mines Regulations, 1957. This publication entitled " Statistics of Mines in India-Vol. I (Coal) " for the year 2011 is based on such Returns and Notices and covers all coal mines in India coming under the purview of the Mines Act, 1952.

This publication contains information regarding employment, production, and other associated aspects such as gassiness of seams, mechanization, consumption of explosives etc. in coal mines. In addition, it also contains information regarding accidents in coal mines and brief description of findings of enquiry conducted by officers of DGMS in respect of each and every fatal accident that occurred during the reference year. An updated list of all fatal accidents involving 4 or more deaths and a list of Court of Inquiries held for different accidents in coal mines since 1901 are also included in this publication.

I hope this publication will be quite useful to all persons connected directly or indirectly with the coal mining industry.

I welcome any suggestion for improvement of the publication.

October, 2014.
Dhanbad.



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Director General of Mines Safety

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INTRODUCTION

The statistics presented in this volume relate to all the coal mines coming under the purview of Mines Act, 1952 and are mainly compiled on the basis of the yearly information submitted by these coal mines on statutory basis under the provisions of the Coal Mines Regulations, 1957. This is supplemented by the accident notices submitted by the management and the reports of enquiry conducted by the officers of the Directorate General of Mines Safety who investigate into the causes and circumstances leading to each and every fatal accident occurred in these mines.

The present publication has been divided into six sections. A brief note giving the salient features and explanatory note on each section is given below:

SECTION - I: EMPLOYMENT AND OUTPUT

Employment figures presented in this section cover all persons employed in mines as defined in Section 2(h) of the Mines Act, 1952 whether employed permanently or on temporary basis, direct or through Contractors and include clerical and supervisory staff also. Senior Supervisory Officials like Agents, Managers, Under Managers, Engineers, Doctors are excluded in calculating figures for average daily employment.

Average daily employment of a mine is the ratio of total number of man-shift worked to the total number of working days during the year. Average daily employment of a district / state or owner is sum total of the average daily employment of all the mines belonging to that district / state or owner.

Statement No.1.1

Trend in average daily employment is presented for some major coal producing states only and also for all India. As all states are not shown in this table, the total arrived at by adding the employment data for these states will not tally with all India figure.

Statement Nos. 1.11 to 1.14

These statements contain information on output by method of work and mechanisation separately for underground and opencast workings.

In respect of mines having belowground workings, mechanisation has been defined as follows: -

Fully Mechanised - Where coal is cut and loaded by machines.

Semi Mechanised - Where coal is cut by coal cutting machines and blasted with explosives.

Manual - Where coal is obtained by solid blasting (with one free face) or where coal is cut and loaded by manual means only.

In respect of opencast mines mechanisation has been defined as follows: -

Fully Mechanised - Where coal is obtained by deep hole blasting and Earth Moving Machineries.

Semi Mechanised - Where coal is obtained by compressed air / power drills but hand loaded.

Manual - Where coal is cut and loaded by manual means only.

Statement Nos.1.18 & 1.19

Productivity has been computed in terms of output per man year (OMY) and output per manshift (OMS).

OMY for a district / state or owner is calculated by dividing the figures of total amount of coal raised during the reference year by that district / state or owner, by figures of average daily employment for that district / state or owner during the year.

OMS is similarly calculated by using total number of manshifts worked in place of average daily employment.

SECTION - II : GASSINESS

This section relates to statistics of mines having belowground workings as per different degree of gassy seams. The degree of gassiness of seams is defined as follows :-

Gassy seam of the first degree :-

A coal seam or part thereof lying within the precincts of a mine not being an opencast working whether or not inflammable gas is actually detected in the general body of the air at any place in its workings belowground, or when the percentage of the inflammable gas, if and when detected, in such general body of air does not exceed 0.1 and the rates of emission of such gas does not exceed one cubic metre per tonne of coal produced.

Gassy seam of the second degree :-

A coal seam or part thereof lying within the precincts of a mine not being an opencast working in which the percentage of inflammable gas in the general body of air at any place in the working of the seam is more than 0.1 or the rate of emission of inflammable gas per tonne of coal produced exceeds one cubic metre but does not exceed ten cubic metres.

Gassy seam of the third degree :-

A coal seam or part thereof lying within the precincts of a mine not being an opencast working in which the rate of emission of inflammable gas per tonne of coal produced exceeds ten cubic metres.

"General body of air" means the general atmosphere in a seam and include general atmosphere in the sealed off areas or in any borehole drilled in coal or the adjacent strata.

The employment and output figures for Degree-II and Degree III mines relates to the seams having gassiness of Degree-II and Degree-III only.

SECTION - III : EXPLOSIVES

This section indicates consumption of permitted and non-permitted explosives used for producing coal and removing overburden.

SECTION IV : MACHINERIES

This section indicates number of different machineries and their aggregate Horse Power used in coal mines separately in belowground, opencast and aboveground workings. Machineries, which are kept in reserve, have not been included in compilation.

SECTION - V : ACCIDENTS

Statistics of accidents presents in this section are compiled from the Notices of accidents submitted to the Director General of Mines Safety as required under the provisions of Regulation 9 of the Coal Mines Regulations, 1957 and from the reports of the officers of Directorate General of Mines Safety who enquire into accidents.

Fatal accidents are those in which at least one death is involved.

Serious bodily injury is defined as any injury which involves or in all probability will involve, the permanent loss of any part or section of a body or the use of any part or section of a body, or the permanent loss of or incapacity or the fracture of any bone or one or more joints or bones or any phalanges of hand or foot.

Cases in which neither any life is lost nor any person is seriously injured, but could have been had persons been present at the spot of occurrence, are covered under the category "Dangerous Occurrences".

A list of all fatal accidents involving four or more deaths and a list of courts of enquiry held for different accidents in coal mines since 1901 are given in Statement nos. 5.14 & 5.15 respectively.

SECTION – VI : MISCELLANEOUS

With a view to give an idea in brief about the extent of trading activities in the coal industries, information on export and import of Coal & Coke has been collected from the Directorate General of Commercial Intelligence and Statistics. This information has been presented in statement No. 6.1.

Statement No. 6.2 present the trend in Index of labour earnings for different states with 1985 as base year. Index has been calculated using Laspeyre's formula with the total average daily employment of different category of workers in different States as weights.

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Notes: 1. Figures of Andhra Pradesh available in state-wise tables includes that of the state Telangana also. The state Telengana was not formed during 2011.

SECTION – I

EMPLOYMENT

AND

OUTPUT

STATEMENT NO.1.1
TREND IN AVERAGE DAILY EMPLOYMENT
(IN THOUSAND)

Year	Major States									Place of work			
	Andhra Pradesh	Chatti- sgarh	Jhar- khand	Madhya@ Pradesh	Mahar- ashtra	Orissa	Tamil- nadu	West Bengal	All*	India	Below ground	Open- cast	Above ground
1	2	3	4	5	6	7	8	9	10	11	12	13	
1961	16.9	...	203.0	43.2	5.9	6.3	1.9	128.6	411	230	60	121	
1966	25.6	...	205.1	48.2	7.3	7.5	3.0	124.6	425	254	48	123	
1971	21.6	...	187.4	49.7	7.9	7.6	4.4	99.2	382	228	43	111	
1976	37.6	...	241.8	66.3	15.8	8.9	4.2	130.8	510	276	71	163	
1981	41.2	...	225.9	76.9	19.3	10.3	5.3	129.1	513	302	55	156	
1986	58.0	...	219.6	91.6	25.9	12.4	6.0	121.4	543	312	63	168	
1991	73.5	...	214.2	97.1	31.6	14.4	5.3	109.2	554	316	67	171	
1992	73.4	...	209.8	98.2	32.8	15.3	5.7	107.8	552	311	67	174	
1993	75.8	...	202.4	97.8	32.5	15.2	6.9	106.8	546	308	68	170	
1994	71.6	...	193.7	93.4	32.4	15.4	6.9	101.9	524	293	67	164	
1995	72.2	...	187.5	94.2	32.1	15.6	6.9	96.3	513	287	68	158	
1996	71.8	...	182.6	91.3	31.9	16.5	7.6	95.9	506	281	68	157	
1997	70.7	...	176.2	93.8	33.1	16.5	7.0	96.8	503	279	68	156	
1998	68.6	...	166.4	93.5	34.2	16.6	7.1	95.6	491	270	69	152	
1999	68.6	...	158.1	90.3	32.8	17.7	7.4	87.8	476	258	71	147	
2000	67.2	36.3	148.1	53.4	33.6	17.7	7.1	82.2	458	249	69	140	
2001	65.4	35.4	141.1	49.8	31.3	16.0	7.4	79.5	438	239	69	130	
2002	62.3	35.1	135.7	48.9	30.7	16.3	7.3	74.2	423	225	69	129	
2003	60.6	35.1	129.2	49.4	30.5	18.4	9.1	72.9	417	216	69	132	
2004	59.7	35.9	121.9	48.6	29.2	17.8	9.8	70.6	405	211	70	124	
2005	58.7	36.1	118.8	45.2	22.9	17.4	12.1	69.5	399	205	70	124	
2006	57.8	36.3	114.6	44.9	28.7	16.4	10.6	64.5	386	196	76	114	
2007	55.9	33.3	113.5	45.3	27.6	16.6	12.8	63.2	379	188	80	111	
2008	57.9	32.0	100.8	46.9	29.4	16.5	12.6	63.6	369	187	77	105	
2009	62.9	32.2	101.1	44.5	29.3	18.4	10.8	62.4	374	186	80	108	
2010	69.7	31.6	95.5	43.8	26.4	18.9	11.1	58.8	370	182	83	105	
2011	65.4	32.6	94.9	45.4	27.5	19.2	9.0	56.2	366	178	86	102	

-- Includes other states. @ - Figures of Madhya Pradesh includes Chattisgarh prior to 2000.

STATEMENT NO. 1.2

AVERAGE DAILY EMPLOYMENT IN COAL MINES DURING THE YEAR, 2011.

STATE/DISTRICT	NO. OF MINES	TOTAL EMPLOYMENT (INCLU- ING CONTRACT)	CONT- RACT EMPLO- YMENT	BELOW GROUND WORKINGS					OPENCAST WORKINGS					ABOVE GROUND WORKINGS			OVERALL	
				OVER- MEN & SIRDARS	MINERS & LOADERS	OTHER FACE WORKERS	TOTAL (INCLU- DING OTHERS)	OVER- MEN & SIRDARS	MINERS & LOADERS	OTHER FACE WORKERS	TOTAL (INCLUD- ING OTHERS)	CLERICAL & SUPER- VISORY STAFF	OTHERS	TOTAL	MEN	WOMEN		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1. COAL																		
ANDHRA PRADESH																		
Adilabad	24	20254	1194	831	4258	3051	16626	613	282	415	2114	314	1200	1514	20112	142		
Karimnagar	22	27569	605	1027	3478	3673	18933	115	372	3639	5143	521	2972	3493	27374	195		
Khammam	14	11643	1769	254	282	480	3894	274	674	1551	4367	464	2918	3382	11566	77		
Warangal	7	5943	184	231	919	1423	4945	20	--	42	585	76	337	413	5941	2		
TOTAL: ANDHRA PRADESH	67	65409	3752	2343	8937	8627	44398	1022	1328	5647	12209	1375	7427	8802	64993	416		
ARUNACHAL PRADESH																		
Chaglong	1	408	--	--	--	--	--	12	--	--	18	60	330	390	406	2		
ASSAM																		
Tinsukia	6	2075	294	40	337	70	495	90	127	466	821	169	590	759	1996	79		
CHATTISGARH																		
Bilaspur	2	647	--	30	6	496	541	--	--	--	--	27	79	106	626	21		
Raigarh	10	5062	3532	153	249	--	2539	112	524	--	1700	274	549	823	5053	9		
Surjua	15	7246	505	321	304	1691	4500	120	50	248	1160	700	886	1586	7112	134		
Korea	17	8546	376	534	347	2349	6621	9	--	65	74	439	1412	1851	8305	241		
Korba	16	11115	712	272	870	1982	4139	301	--	769	2441	1653	2882	4535	10910	205		
TOTAL: CHATTISGARH	60	32616	5125	1310	1776	6518	18340	542	574	1082	5375	3093	5808	8901	32006	610		
JHARKHAND																		
Deoghar	2	1281	--	--	--	--	--	17	6	442	588	113	580	693	1152	129		
Dhanbad	98	55671	2140	2232	3825	9105	31477	523	236	4122	8340	3848	12006	15854	52934	2737		
Giridih	3	539	52	--	--	--	--	20	--	144	303	51	185	236	530	9		
Godda	1	1679	232	--	--	--	--	41	--	320	658	170	851	1021	1547	132		
Hazaribagh	36	16237	246	257	1619	1636	4488	382	297	1450	5647	1703	4399	6102	15291	946		
Palamau	4	691	147	--	--	--	--	37	77	76	375	75	241	316	622	69		
Ranchi	6	2949	125	21	45	131	288	67	--	1027	1256	371	1034	1405	2741	208		
Sahibganj	1	49	2	--	--	--	--	2	--	17	32	7	10	17	49	--		
Bokaro	23	12777	187	164	1038	1121	3241	215	1332	1934	4840	1685	3011	4696	12223	554		
Pakur	1	569	--	--	--	--	--	21	--	227	418	103	48	151	569	--		
Chatra	3	2278	301	22	85	--	395	68	--	621	1001	179	703	882	2223	55		
Latehar	1	153	95	--	--	--	--	7	--	--	97	17	39	56	153	--		
TOTAL: JHARKHAND	179	94873	3527	2696	6612	11993	39889	1400	1948	10380	23555	8322	23107	31429	90034	4839		

STATEMENT NO. 1.2 (CONTD.)

STATE/DISTRICT	NO. OF	TOTAL	CONT-	BELOW GROUND WORKINGS					OPENCAST WORKINGS				ABOVE GROUND WORKINGS			OVERALL	
	MINES	EMPLOY-	RACT	OVERMEN	MINERS	OTHER	TOTAL	OVERMEN	MINERS	OTHER	TOTAL	CLERICAL	OTHERS	TOTAL	MEN	WOMEN	
	(INCLU-	MENT	EMPLO-	&	&	FACE	(INCLU-	&	&	FACE	INCLUD-		&				
	ING	CONTRACT)	YMENT	SIRDARS	LOADERS	WORKERS	OTHERS	SIRDARS	LOADERS	WORKERS	ING		SUPER-	VISORY	STAFF		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
JAMMU & KASHMIR																	
Rajauri	2	513	--	11	223	--	402	--	--	--	--	9	102	111	513	--	
Udhampur	1	128	--	3	72	--	100	--	--	--	--	3	25	28	128	--	
TOTAL: JAMMU & KASHMIR	3	641	--	14	295	--	502	--	--	--	--	12	127	139	641	--	
MADHYA PRADESH																	
Narsigpur	1	396	331	--	--	--	--	12	--	28	162	45	189	234	396	--	
Betul	9	4815	61	301	210	1207	4046	--	--	--	--	212	557	769	4773	42	
Chhindwara	23	6958	309	337	726	1473	4978	49	4	69	359	421	1200	1621	6728	230	
Shahdol	30	18393	768	719	2380	2965	12256	89	37	116	737	1736	3664	5400	18078	315	
Sidhi	4	9293	2936	--	--	--	--	158	123	3221	5944	866	2483	3349	9165	128	
Umaria	9	3948	122	254	152	1465	2971	8	--	50	58	234	685	919	3867	81	
Anuppur	2	992	142	35	--	105	636	21	--	6	185	69	102	171	968	24	
Singrauli	1	578	216	--	--	--	--	14	--	--	359	61	158	219	569	9	
TOTAL: MADHYA PRADESH	79	45373	4885	1646	3468	7215	24887	351	164	3490	7804	3644	9038	12682	44544	829	
MAHARASHTRA																	
Chandrapur	30	15739	539	337	859	1882	5075	254	31	2100	3673	1729	5262	6991	15362	377	
Nagpur	13	7016	113	303	694	1537	3896	95	117	541	946	565	1609	2174	6894	122	
Yavatmal	12	4750	115	42	--	--	760	160	109	361	2462	426	1102	1528	4662	88	
TOTAL: MAHARASHTRA	55	27505	767	682	1553	3419	9731	509	257	3002	7081	2720	7973	10693	26918	587	
ORISSA																	
Angul	11	10665	2984	80	142	237	1533	261	13	882	5394	809	2929	3738	10363	302	
Sambalpur	1	275	144	--	--	--	--	11	9	82	110	10	155	165	274	1	
Sundergarh	2	1002	459	--	--	--	--	29	--	536	911	51	40	91	973	29	
Jharsuguda	11	7306	1486	198	43	1146	2872	129	83	1240	2503	660	1271	1931	7211	95	
TOTAL: ORISSA	25	19248	5073	278	185	1383	4405	430	105	2740	8918	1530	4395	5925	18821	427	
UTTAR PRADESH																	
Sonebhadra	5	8547	3060	--	--	--	--	180	24	3428	6165	690	1692	2382	8371	176	
WEST BENGAL																	
Bankura	3	817	121	24	--	433	473	15	--	--	123	109	112	221	797	20	

STATEMENT NO. 1.2 (CONTD.)

STATE/DISTRICT	NO. OF	TOTAL	CONT-	BELOW GROUND WORKINGS					OPENCAST WORKINGS				ABOVE GROUND WORKINGS			OVERALL	
	MINES	EMPLOY-	RACT	OVERMEN	MINERS	OTHER	TOTAL	OVERMEN	MINERS	OTHER	TOTAL	CLERICAL	OTHERS	TOTAL	MEN	WOMEN	
	(INCLU-	MENT	EMPLO-	&	&	FACE	(INCLU-	&	&	FACE	INCLUD-		&				
	ING	CONTRACT)	YMENT	SIRDARS	LOADERS	WORKERS	DING	SIRDARS	LOADERS	WORKERS	ING		OTHERS	SUPER-	VISORY	STAFF	
				5	6	7	8	9	10	11	12		13	14	15	16	17
Birbhum	2	271	--	--	--	3	6	11	--	--	126	114	25	139	267	4	
Burdwan	97	53486	2617	1768	5406	11024	33679	250	431	430	4014	3861	11932	15793	50968	2518	
Purulia	2	1661	--	57	365	287	1171	--	--	--	--	80	410	490	1613	48	
TOTAL: WEST BENGAL	104	56235	2738	1849	5771	11747	35329	276	431	430	4263	4164	12479	16643	53645	2590	
ALL INDIA : COAL	584	352930	29221	10858	28934	50972	177976	4812	4958	30665	76209	25779	72966	98745	342375	10555	
2. LIGNITE																	
GUJARAT																	
Bharuch	2	1311	877	--	--	--	--	32	841	--	1097	87	127	214	1304	7	
Bhavanagar	2	271	162	--	--	--	--	12	--	111	167	27	77	104	269	2	
Kutch	2	639	--	--	--	--	--	22	110	--	370	22	247	269	618	21	
Surat	3	616	389	--	--	--	--	27	--	169	521	20	75	95	616	--	
TOTAL: GUJARAT	9	2837	1428	--	--	--	--	93	951	280	2155	156	526	682	2807	30	
RAJASTHAN																	
Barmer	2	687	461	--	--	--	--	11	168	43	561	32	94	126	687	--	
Bikaner	3	382	311	--	--	--	--	26	30	--	359	9	14	23	382	--	
Nagaur	1	160	107	--	--	--	--	12	1	--	62	36	62	98	160	--	
TOTAL: RAJASTHAN	6	1229	879	--	--	--	--	49	199	43	982	77	170	247	1229	--	
TAMILNADU																	
Cuddalore	2	9041	3635	--	--	--	--	1621	425	--	6460	757	1824	2581	9041	--	
ALL INDIA : LIGNITE	17	13107	5942	--	--	--	--	1763	1575	323	9597	990	2520	3510	13077	30	
ALL INDIA : ALL COAL	601	366037	35163	10858	28934	50972	177976	6575	6533	30988	85806	26769	75486	102255	355452	10585	

STATEMENT NO. 1.3
AVERAGE DAILY EMPLOYMENT IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

OWNER	NO.OF MINES	TOTAL EMPLOY- MENT (INCLU- ING CONTRACT)	CONT- RACT EMPLO- YMENT	BELOW GROUND WORKINGS					OPENCAST WORKINGS					ABOVE GROUND WORKINGS			OVERALL	
				OVERMEN & SIRDARS	MINERS & LOADERS	OTHER FACE WORKERS	TOTAL (INCLU- DING OTHERS)	OVERMEN & SIRDARS	MINERS & LOADERS	OTHER FACE WORKERS	TOTAL (INCLUD- ING OTHERS)	CLERICAL & SUPER- VISORY STAFF	OTHERS	TOTAL	MEN	WOMEN		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
BCCL	83	45447	423	1600	2440	7680	23500	489	167	3921	8115	3336	10496	13832	43105	2342		
CCL	65	31903	444	425	2777	2779	7728	670	1589	5170	11456	3863	8856	12719	30125	1778		
ECL	111	60676	1091	2050	6254	12486	37550	233	500	1407	3896	4578	14652	19230	57439	3237		
MCL	24	18973	4929	278	185	1383	4405	419	96	2658	8808	1520	4240	5760	18547	426		
NCL	10	18418	6212	--	--	--	--	352	147	6649	12468	1617	4333	5950	18105	313		
NEC	6	2075	294	40	337	70	495	90	127	466	821	169	590	759	1996	79		
SECL	94	51864	2929	2201	4308	11053	32213	560	126	1254	4916	4936	9799	14735	50834	1030		
WCL	84	38313	897	1298	2305	6099	18534	508	261	2570	6832	3293	9654	12947	37454	859		
CIL	477	267669	17219	7892	18606	41550	124425	3321	3013	24095	57312	23312	62620	85932	257605	10064		
JSMDC	1	153	95	--	--	--	--	7	--	--	97	17	39	56	153	--		
DVC	1	168	--	--	--	--	--	14	--	23	71	47	50	97	163	5		
GMDC	6	2401	1189	--	--	--	--	69	951	280	1799	144	458	602	2371	30		
IISCO	4	1986	571	120	58	1	858	49	6	3	598	94	436	530	1931	55		
J&K Min.	3	641	--	14	295	--	502	--	--	--	--	12	127	139	641	--		
NLC	4	9307	3851	--	--	--	--	1627	425	--	6718	761	1828	2589	9307	--		
SCCL	67	65409	3752	2343	8937	8627	44398	1022	1328	5647	12209	1375	7427	8802	64993	416		
TISCO	9	7642	1549	335	844	685	5448	67	--	55	1427	163	604	767	7630	12		
RSMDC	1	206	--	--	--	--	--	7	85	--	155	15	36	51	206	--		
PIL	1	202	80	--	--	--	--	14	--	--	155	31	16	47	202	--		
GIPCL	2	379	201	--	--	--	--	19	--	--	307	10	62	72	379	--		
GHCL	1	57	38	--	--	--	--	5	--	--	49	2	6	8	57	--		
JINDAL	3	1386	1233	--	--	--	--	68	425	--	1088	67	231	298	1386	--		
BENGAL EMTA	2	652	375	--	--	--	--	37	--	--	476	117	59	176	652	--		
APMDTC	1	408	--	--	--	--	--	12	--	--	18	60	330	390	406	2		
BLAI	1	396	331	--	--	--	--	12	--	28	162	45	189	234	396	--		
ICML	1	1242	1224	--	--	--	--	42	--	--	912	102	228	330	1242	--		
INDAL	1	275	144	--	--	--	--	11	9	82	110	10	155	165	274	1		
MIL	1	1650	1215	82	--	--	1447	--	--	--	--	68	135	203	1650	--		
CTL	1	57	52	--	--	--	--	4	--	--	5	5	47	52	57	--		
RSMMIL	1	160	107	--	--	--	--	12	1	--	62	36	62	98	160	--		
PCML	1	569	--	--	--	--	--	21	--	227	418	103	48	151	569	--		
JNL	1	749	616	35	--	--	543	9	--	--	117	25	64	89	749	--		
RASL	2	457	84	--	--	--	--	37	60	223	358	36	63	99	457	--		
SISCL	1	252	209	22	184	--	221	--	--	--	--	4	27	31	252	--		
ELCALTD	1	218	187	15	10	109	134	17	40	4	61	2	21	23	218	--		
VSLPPL	1	116	95	--	--	--	--	20	30	--	101	5	10	15	116	--		
WBMD&TCL	1	38	--	--	--	--	--	2	--	--	12	10	16	26	38	--		
UML	1	221	147	--	--	--	--	11	77	--	163	31	27	58	221	--		
DVC EMTA	2	490	138	--	--	--	--	35	--	278	440	43	7	50	490	--		
BLMCL	1	481	461	--	--	--	--	4	83	43	406	17	58	75	481	--		
ALL INDIA	601	366037	35163	10858	28934	50972	177976	6575	6533	30988	85806	26769	75486	102255	355452	10585		

STATEMENT NO. 1.5

MANSHIFTS WORKED IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

OWNER	BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL
1	2	3	4	5
BCCL	7198804	2786797	4422282	14407883
CCL	2382165	3772454	4165979	10320598
ECL	11923291	1289275	6136585	19349151
MCL	1455430	3113646	1937937	6507013
NCL	--	4107423	1924466	6031889
NEC	150655	261500	238543	650698
SECL	11280746	1587151	5033235	17901132
WCL	6078796	2295481	4321983	12696260
CIL	40469887	19213727	28181010	87864624
JSMDC	--	31586	14147	45733
DVC	--	21694	29694	51388
GMDC	--	562761	182680	745441
IISCO	265209	180610	158751	604570
J&K Min.	152770	--	42292	195062
NLC	--	2113684	808992	2922676
SCCL	12971469	3944538	2749777	19665784
TISCO	1636755	453607	246746	2337108
RSMDC	--	47509	15637	63146
PIL	--	47740	14476	62216
GIPCL	--	110151	25862	136013
GHCL	--	17415	2540	19955
JINDAL	--	332211	90890	423101
BENGALEMTA	--	170280	63047	233327
APMDTC	--	5060	107410	112470
BLAI	--	49878	72049	121927
ICML	--	253575	92405	345980
INDAL	--	33672	50264	83936
MIL	520898	--	73128	594026
CTL	--	1522	19048	20570
RSMML	--	18937	29907	48844
PCML	--	132223	47694	179917
JNL	160138	39021	27247	226406
RASL	--	110061	30416	140477

STATEMENT NO. 1.5 (CONTD.)

OWNER	BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL
1	2	3	4	5
SISCL	68415	--	9752	78167
ELCALTD	37585	17331	6512	61428
VSLPPL	--	33928	5340	39268
WBMD&TCL	--	3744	8182	11926
UML	--	49310	17566	66876
DVC EMTA	--	138135	16143	154278
BLMCL	--	146501	26944	173445
ALL INDIA	56283126	28280411	33266548	117830085

STATEMENT NO. 1.6
CLASSIFICATION OF COAL MINES DURING THE YEAR, 2011 BY AVERAGE DAILY EMPLOYMENT : OWNERWISE

OWNER	UPTO 50	51 TO 150	151 TO 250	251 TO 400	401 TO 500	501 TO 800	801 TO 1000	1001 TO 1200	1201 TO 1600	1601 TO 2000	2001 TO 2500	ABOVE 2500	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BCCL	3	9	6	13	9	26	10	3	2	1	1	--	83
CCL	2	3	8	10	14	18	7	1	2	--	--	--	65
ECL	5	5	6	23	18	34	9	6	3	2	--	--	111
MCL	--	3	1	1	1	8	2	4	2	2	--	--	24
NCL	--	--	--	--	--	2	--	1	2	1	2	2	10
NEC	--	1	2	1	--	2	--	--	--	--	--	--	6
SECL	3	6	9	13	18	30	8	4	--	2	1	--	94
WCL	5	7	5	17	21	21	4	3	1	--	--	--	84
CIL	18	34	37	78	81	141	40	22	12	8	4	2	477
JSMDC	--	--	1	--	--	--	--	--	--	--	--	--	1
DVC	--	--	1	--	--	--	--	--	--	--	--	--	1
GMDC	--	--	2	2	--	2	--	--	--	--	--	--	6
IISCO	1	--	--	1	--	1	1	--	--	--	--	--	4
J&K Min.	--	1	1	1	--	--	--	--	--	--	--	--	3
NLC	--	2	--	--	--	--	--	--	--	1	--	1	4
SCCL	--	3	1	5	2	16	13	8	10	7	--	2	67
TISCO	--	1	--	1	--	2	1	1	3	--	--	--	9
RSMDC	--	--	1	--	--	--	--	--	--	--	--	--	1
PIL	--	--	1	--	--	--	--	--	--	--	--	--	1
GIPCL	--	--	2	--	--	--	--	--	--	--	--	--	2
GHCL	--	1	--	--	--	--	--	--	--	--	--	--	1

STATEMENT NO. 1.6 (CONTD.)

OWNER	UPTO 50	51 TO 150	151 TO 250	251 TO 400	401 TO 500	501 TO 800	801 TO 1000	1001 TO 1200	1201 TO 1600	1601 TO 2000	2001 TO 2500	ABOVE 2500	TOTAL	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
JINDAL	--	--	--	--	3	--	--	--	--	--	--	--	--	3
BENGALEMTA	--	--	1	--	1	--	--	--	--	--	--	--	--	2
APMDTC	--	--	--	--	1	--	--	--	--	--	--	--	--	1
BLAI	--	--	--	1	--	--	--	--	--	--	--	--	--	1
ICML	--	--	--	--	--	--	--	--	1	--	--	--	--	1
INDAL	--	--	--	1	--	--	--	--	--	--	--	--	--	1
MIL	--	--	--	--	--	--	--	--	--	--	1	--	--	1
CTL	--	1	--	--	--	--	--	--	--	--	--	--	--	1
RSMML	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PCML	--	--	--	--	--	1	--	--	--	--	--	--	--	1
JNL	--	--	--	--	--	1	--	--	--	--	--	--	--	1
RASL	--	1	--	1	--	--	--	--	--	--	--	--	--	2
SISCL	--	--	--	1	--	--	--	--	--	--	--	--	--	1
ELCALTD	--	--	1	--	--	--	--	--	--	--	--	--	--	1
VSLPPL	--	1	--	--	--	--	--	--	--	--	--	--	--	1
WBMD&TCL	1	--	--	--	--	--	--	--	--	--	--	--	--	1
UML	--	--	1	--	--	--	--	--	--	--	--	--	--	1
DVC EMTA	--	1	--	1	--	--	--	--	--	--	--	--	--	2
BLMCL	--	--	--	--	1	--	--	--	--	--	--	--	--	1
ALL INDIA	20	46	51	93	89	164	55	31	26	17	4	5	601	

STATEMENT No. 1.7
EMPLOYMENT ON ROLLS IN COAL MINES DURING THE YEAR, 2011.

STATE/DISTRICT	NO. OF MINES	BELLOW-GROUND	OPENCAST	ABOVE-GROUND	TOTAL
1	2	3	4	5	6
1. COAL					
ANDHRA PRADESH					
Adilabad	24	20289	2596	2086	24971
Karimnagar	22	22793	6228	4227	33248
Khammam	14	4739	5202	3977	13918
Warangal	7	6206	701	512	7419
TOTAL: ANDHRA PRADESH	67	54027	14727	10802	79556
ARUNACHAL PRADESH					
Chaglong	1	--	26	560	586
ASSAM					
Tinsukia	6	594	985	910	2489
CHATTISGARH					
Bilaspur	2	649	--	128	777
Raigarh	10	2982	2069	1022	6073
Surguja	15	5372	1394	1903	8669
Korea	17	8057	89	2217	10363
Korba	16	4620	3272	5449	13341
TOTAL: CHATTISGARH	60	21680	6824	10719	39223
JHARKHAND					
Deoghar	2	--	705	831	1536
Dhanbad	98	37991	10192	18932	67115
Giridih	3	--	363	283	646
Godda	1	--	783	1212	1995
Hazaribagh	36	5385	6794	7330	19509
Palamau	4	--	447	380	827
Ranchi	6	346	1458	1605	3409
Sahibganj	1	--	38	20	58
Bokaro	23	3996	5774	5686	15456
Pakur	1	--	502	181	683
Chatra	3	474	1201	1058	2733
Latehar	1	--	116	67	183
TOTAL: JHARKHAND	179	48192	28373	37585	114150
JAMMU & KASHMIR					
Rajauri	2	490	--	130	620
Udhampur	1	120	--	34	154
TOTAL: JAMMU & KASHMIR	3	610	--	164	774
MADHYA PRADESH					
Narsigpur	1	--	194	281	475
Betul	9	5083	--	970	6053
Chhindwara	23	6120	431	1971	8522
Shahdol	30	14721	1071	6448	22240
Sidhi	4	--	7133	4019	11152
Umaria	9	3527	70	1102	4699
Anuppur	2	763	222	205	1190
Singrauli	1	--	431	263	694
TOTAL: MADHYA PRADESH	79	30214	9552	15259	55025
MAHARASHTRA					
Chandrapur	30	6150	4424	8409	18983
Nagpur	13	4840	1134	2603	8577
Yavatmal	12	912	2952	1835	5699
TOTAL: MAHARASHTRA	55	11902	8510	12847	33259
ORISSA					
Angul	11	1839	6473	4484	12796
Sambalpur	1	--	132	198	330
Sundergarh	2	--	1093	108	1201
Jharsuguda	11	3426	3004	2316	8746
TOTAL: ORISSA	25	5265	10702	7106	23073
UTTAR PRADESH					
Sonebhadra	5	--	7398	2858	10256
WEST BENGAL					
Bankura	3	568	152	268	988

STATEMENT No. 1.7 (CONTD.)

STATE/DISTRICT	NO. OF MINES	BELLOW-GROUND	OPENCAST	ABOVE-GROUND	TOTAL
1	2	3	4	5	6
Birbhum	2	7	151	170	328
Burdwan	97	40311	4742	18945	63998
Purulia	2	1408	--	588	1996
TOTAL: WEST BENGAL	104	42294	5045	19971	67310
ALL INDIA : COAL	584	214778	92142	118781	425701
2. LIGNITE					
GUJARAT					
Bharuch	2	--	1317	257	1574
Bhavanagar	2	--	237	132	369
Kutch	2	--	420	278	698
Surat	3	--	923	182	1105
TOTAL: GUJARAT	9	--	2897	849	3746
RAJASTHAN					
Barmer	2	--	673	151	824
Bikaner	3	--	430	28	458
Nagaur	1	--	74	118	192
TOTAL: RAJASTHAN	6	--	1177	297	1474
TAMILNADU					
Cuddalore	2	--	7752	3097	10849
ALL INDIA : LIGNITE	17	--	11826	4243	16069
ALL INDIA :	601	214778	103968	123024	441770

STATEMENT NO.1.8
TREND IN OUTPUT OF COAL

YEAR	MAJOR STATES (IN MILLION TONNES)							PLACE OF WORK (IN '000 TONNES)				
	ANDHRA PRADESH	CHATT- ISGARH	JHAR- KHAND	MADHYA@ PRADESH	MAHA- RASHTRA	ORISSA	TAMIL- NADU	WEST BENGAL	ALL*	BELOW- GROUND	OPEN- CAST	TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13
1951	1.2	...	18.8	3.6	0.4	0.4	-	9.7	35.0	30,199	4,784	34,983
1956	1.6	...	20.4	4.9	0.4	0.6	-	11.4	39.9	35,125	4,786	39,911
1961	2.7	...	27.1	6.1	0.8	0.9	-	17.1	55.7	44,887	10,822	55,709
1966	4.1	...	31.1	9.8	1.2	1.1	2.5	19.7	70.4	57,000	13,387	70,387
1971	4.6	...	32.8	13.4	2.1	1.5	3.7	17.3	75.6	58,552	17,090	75,642
1976	7.9	...	42.4	20.1	3.6	2.1	3.9	24.0	104.6	76,199	28,440	104,639
1981	11.2	...	49.6	27.4	6.8	3.2	5.6	20.4	127.3	76,205	51,120	127,325
1986	16.2	...	56.7	44.2	11.9	6.9	7.8	19.7	170.2	75,027	95,132	170,159
1991	19.6	...	68.6	70.7	18.8	19.7	12.1	17.4	237.8	70,731	167,026	237,757
1992	20.8	...	70.4	73.9	20.5	22.9	12.8	17.3	249.9	71,062	178,879	249,941
1993	24.7	...	73.7	76.0	19.8	23.8	13.5	16.5	260.6	73,672	186,935	260,607
1994	24.7	...	73.8	77.0	20.3	26.4	13.7	16.7	267.5	70,644	196,878	267,522
1995	25.6	...	72.9	82.8	22.4	31.3	17.4	16.5	284.6	68,512	216,074	284,586
1996	29.1	...	78.6	85.7	23.5	36.2	17.7	17.3	304.1	70,127	233,970	304,097
1997	28.8	...	80.7	88.8	26.1	41.0	17.9	17.0	316.7	69,062	247,619	316,681
1998	27.8	...	77.4	90.3	25.8	44.8	18.1	19.2	319.9	68,571	251,324	319,895
1999	30.0	...	74.7	84.6	26.2	42.1	17.7	17.9	315.2	68,101	247,088	315,198
2000	29.5	50.5	77.8	39.4	29.4	45.7	17.6	19.2	334.3	66,225	268,092	334,317
2001	30.8	54.2	75.2	40.6	30.8	45.6	18.6	20.0	341.5	64,134	277,379	341,513
2002	34.0	56.4	81.8	42.5	31.9	51.2	17.7	19.5	363.3	65,330	297,981	363,311
2003	33.4	59.8	78.1	51.3	30.1	56.7	20.8	20.9	379.2	63,632	315,556	379,188
2004	34.5	68.5	78.2	55.2	33.1	66.6	20.8	21.6	409.3	61,921	347,347	409,268
2005	35.6	74.8	80.4	48.9	36.4	69.9	18.2	24.3	420.8	64,086	356,759	420,845
2006	39.6	80.5	79.9	50.0	36.8	68.0	19.3	22.0	430.3	61,213	369,120	430,333
2007	45.7	86.1	88.1	52.0	35.5	84.1	22.3	21.5	481.1	62,302	418,821	481,123
2008	48.3	93.7	98.8	60.6	37.1	86.3	20.4	22.4	506.3	66,290	440,004	506,294
2009	61.4	104.3	110.1	57.7	38.8	100.2	21.5	23.0	558.8	66,835	491,982	558,817
2010	74.9	121.0	114.5	59.3	39.3	104.0	22.2	21.7	601.9	69,998	531,880	601,878
2011	78.0	123.5	113.2	58.0	42.2	100.9	23.4	21.9	607.3	69,031	538,240	607,272

* -Includes others states. @ Figures of Madhya Pradesh includes Chattisgarh prior to 2000.

STATEMENT NO. 1.9

RAISING, DESPATCH AND VALUE OF COAL DURING THE YEAR, 2011.

(IN TONNES)

STATE/DISTRICT	NUMBER OF MINES	OPENING STOCK *	RAISING	RECEIPT/ SURPLUS	COAL USED FOR COKE MAKING	COLLIERY CONSUMPTION	TRANSFER/ SHORTAGE/ REJECTION	DESPATCH	CLOSING STOCK	VALUE OF COAL RAISED ('000 RS.)
1	2	3	4	5	6	7	8	9	10	11
1. COAL										
ANDHRA PRADESH										
Adilabad	24	73917	12554100	--	--	220	--	12581656	46141	17086052
Karimnagar	22	253027	32250766	3585412	--	81270	--	35857201	150734	56013342
Khammam	14	198710	31650775	--	--	--	--	31463685	385800	28318889
Warangal	7	153505	1511845	--	36	72	--	1645741	19501	2794452
TOTAL : ANDHRA PRADESH	67	679159	77967486	3585412	36	81562	--	81548283	602176	104212735
ARUNACHAL PRADESH										
Chaglong	1	21910	221928	--	--	--	--	232481	11357	275988
ASSAM										
Tinsukia	6	224853	753165	68863	--	--	68863	910735	67283	929908
CHATTISGARH										
Bilaspur	2	27691	204162	--	--	58	62478	147260	22057	558485
Raigarh	10	6156743	31609479	6260106	--	420	--	31055768	12970140	37701161
Surguja	15	590949	4636187	1971094	--	2152	2375317	4558885	261876	6770575
Korea	17	134923	4115785	2901482	--	7913	2456602	4554101	133574	9000407
Korba	16	4922310	82932219	2411577	--	1008	2349305	82883685	5032108	66607645
TOTAL : CHATTISGARH	60	11832616	123497832	13544259	--	11551	7243702	123199699	18419755	120638273
JHARKHAND										
Deoghar	2	56452	1483034	809541	--	2777	809541	1510333	26376	1483034
Dhanbad	98	11033329	33520790	2192513	--	110627	3891051	32935365	9809589	41397428
Giridih	3	96015	512424	244762	11	240	244762	515708	92480	481640
Godda	1	345208	11206890	--	--	5255	--	11336713	210130	17931020
Hazaribagh	36	4471399	19831153	2017643	--	3006	2095278	19588630	4633281	20038757
Palamu	4	220502	757641	--	--	--	--	662788	315355	757641
Ranchi	6	3067137	5870739	4821375	--	--	935109	9658179	3165963	6570185
Sahebganj	1	165126	193089	--	--	73	--	196598	161544	193089
Bokaro	23	4164589	13180769	1419270	--	5307	2850623	10804914	5103784	14112524
Pakur	1	100317	8135619	--	--	--	--	8203800	32136	8135619
Chatra	3	2828846	18270918	--	--	96	2288939	16245166	2565563	13499945
Latehar	1	2	223978	--	--	--	--	223978	2	23483
TOTAL : JHARKHAND	179	26548922	113187044	11505104	11	127381	13115303	111882172	26116203	124624365

STATEMENT NO. 1.9 (CONTD.)

(IN TONNES)

STATE/DISTRICT	NUMBER OF MINES	OPENING STOCK *	RAISING	RECEIPT/ SURPLUS	COAL USED FOR COKE MAKING	COLLIERY CONSUMPTION	TRANSFER/ SHORTAGE/ REJECTION	DESPATCH	CLOSING STOCK	VALUE OF COAL RAISED ('000 RS.)
1	2	3	4	5	6	7	8	9	10	11
JAMMU & KASHMIR										
Rajauri	2	4019	17827	--	--	120	--	19471	2255	63961
Udhampur	1	1248	3086	--	--	48	--	2600	1686	3086
TOTAL : JAMMU & KASHMIR	3	5267	20913	--	--	168	--	22071	3941	67047
MADHYA PRADESH										
Narsigpur	1	37026	294169	--	--	365	44033	266860	19937	425956
Betul	9	59962	3195846	--	--	396	--	3204549	50863	4143805
Chhindwara	23	227980	3807867	718304	--	3672	605980	3908047	236452	4566102
Shahdol	30	531958	12712121	4866097	--	4363	456838	13181459	355516	13916335
Sidhi	4	1596066	31248500	--	--	--	237466	30378152	2228948	34074651
Umaria	9	41225	2002255	1228713	--	852	1114346	2078252	78743	2617319
Anuppur	2	24776	944725	--	--	180	563982	343975	61364	1319193
Singrauli	1	73783	3746000	--	--	--	--	3688772	131011	6508300
TOTAL : MADHYA PRADESH	79	2592776	57951483	6813114	--	9828	7134645	57050066	3162834	67571661
MAHARASHTRA										
Chandrapur	30	1299255	22568389	2996601	--	2972	2378338	22838305	1644630	25745097
Nagpur	13	648733	6073248	1369129	--	837	584993	6423631	1081649	7398620
Yavatmal	12	1426360	13549074	87834	--	123	175669	12992469	1895007	13549074
TOTAL : MAHARASHTRA	55	3374348	42190711	4453564	--	3932	3139000	42254405	4621286	46692791
ORISSA										
Angul	11	7013203	48625563	10583810	--	3212	5857949	55318042	5043373	43276001
Sambalpur	1	71164	2290060	--	--	--	--	2272689	88535	2290060
Sundergarh	2	6219776	12613789	933776	--	--	--	12194140	7573201	12613789
Jharsuguda	11	4196785	37367643	5204362	--	720	5348524	38467461	2952085	18470336
TOTAL : ORISSA	25	17500928	100897055	16721948	--	3932	11206473	108252332	15657194	76650186
UTTAR PRADESH										
Sonebhadra	5	505827	28522000	237466	--	--	4071464	24480322	713507	28755474
WEST BENGAL										
Bankura	3	37571	840742	--	--	1085	23	820606	56599	1426711
Birbhum	2	26612	201923	--	--	76	--	219989	8470	691329
Burdwan	97	2418955	20656990	4796677	714	333488	3243394	21659261	2635765	32736137

STATEMENT NO. 1.9 (CONTD.)

(IN TONNES)

STATE/DISTRICT	NUMBER OF MINES	OPENING STOCK *	RAISING	RECEIPT/ SURPLUS	COAL USED FOR COKE MAKING	COLLIERY CONSUMPTION	TRANSFER/ SHORTAGE/ REJECTION	DESPATCH	CLOSING STOCK	VALUE OF COAL RAISED ('000 RS.)
1	2	3	4	5	6	7	8	9	10	11
Purulia	2	9210	178979	73289	--	2749	59867	191167	7695	273217
TOTAL : WEST BENGAL	104	2492348	21878634	4869966	714	337398	3303284	22891023	2708529	35127394
ALL INDIA : COAL	584	65778954	567088251	61799696	761	575752	49282734	572723589	72084065	605545822
2. LIGNITE										
GUJARAT										
Bharuch	2	--	2193923	--	--	--	--	2193923	--	3312514
Bhavanagar	2	1690	1921814	--	--	--	--	1888717	34787	2779207
Kutch	2	--	6169178	--	--	--	--	6169178	--	8832501
Surat	3	106639	4039213	--	--	--	--	4036372	109480	4825342
TOTAL : GUJARAT	9	108329	14324128	--	--	--	--	14288190	144267	19749564
RAJASTHAN										
Barmer	2	--	1634032	--	--	--	--	1633798	234	1961880
Bikaner	3	13110	444206	--	--	--	--	454064	3252	360070
Nagaur	1	--	17363	--	--	--	--	17363	--	30003
TOTAL : RAJASTHAN	6	13110	2095601	--	--	--	--	2105225	3486	2351953
TAMILNADU										
Cuddalore	2	390494	23764067	--	--	12000000	416896	11199662	434009	38768010
ALL INDIA : LIGNITE	17	511933	40183796	--	--	12000000	416896	27593077	581762	60869527
ALL INDIA : All COAL	601	66290887	607272047	61799696	761	12575752	49699630	600316666	72665827	666415349

* : Figures of opening stock may not tally with the figures of closing stock of last year due to subsequent revision of closing stock by some mines.□

STATEMENT NO.1.10
RAISING, DESPATCH AND VALUE OF COAL DURING THE YEAR, 2011 - OWNERWISE

(IN TONNES)

OWNER	NUMBER OF	OPENING STOCK	RAISING	RECEIPT/ SURPLUS/ DESPATCH	COAL USED FOR COKE MAKING	COLLIERY CONSUMPTION	TRANSFER/ SHORTAGE/ REJECTION	DESPATCH	CLOSING STOCK	VALUE OF COAL RAISED (IN '000 Rs)
1	2	3	4	5	6	7	8	9	10	11
BCCL	83	11025337	31079956	2192250	--	103797	3887058	30801090	9505598	38462073
CCL	65	14551042	48071741	8503048	11	7523	8414711	47593493	15110093	45629948
ECL	111	2710421	28729830	5679772	714	351949	4116761	30123752	2526847	49101621
MCL	24	17429764	98606995	16721948	--	3932	11206473	105979643	15568659	74360126
NCL	10	2175676	63516500	237466	--	--	4308930	58547246	3073466	69338425
NEC	6	224853	753165	68863	--	--	68863	910735	67283	929908
SECL	94	6603811	112964646	13593001	--	16526	13490868	113220066	6433998	106159863
WCL	84	3184845	44537157	5171868	--	8000	3744980	44700231	4440659	50745431
CIL	477	57905749	428259990	52168216	725	491727	49238644	431876256	56726603	434727395
JSMDC	1	2	223978	--	--	--	--	223978	2	23483
DVC	1	22579	341064	--	--	608	--	328442	34593	341064
GMDC	6	--	11988861	--	--	--	--	11988861	--	17235472
IISCO	4	15933	809630	--	--	563	57	816795	8148	809630
J&K Min.	3	5267	20913	--	--	168	--	22071	3941	67047
NLC	4	403604	24208273	--	--	12000000	416896	11653726	437261	39128080
SCCL	67	679159	77967486	3585412	36	81562	--	81548283	602176	104212735
TISCO	9	4764	10760577	--	--	339	--	9945548	819454	10239419
RSMDC	1	--	924931	--	--	--	--	924931	--	1294900
PIL	1	5	993076	--	--	--	--	993029	52	993076
GIPCL	2	106639	1995766	--	--	--	--	1992925	109480	2129053
GHCL	1	1690	339501	--	--	--	--	306404	34787	385039
JINDAL	3	5797118	23176801	6046068	--	--	--	22768221	12251766	23176801
BENGALEMTA	2	32979	2723905	--	--	--	--	2739022	17862	3976722
APMDTC	1	21910	221928	--	--	--	--	232481	11357	275988
BLAI	1	37026	294169	--	--	365	44033	266860	19937	425956
ICML	1	505059	3142306	--	--	--	--	2976092	671273	1916806
INDAL	1	71164	2290060	--	--	--	--	2272689	88535	2290060
MIL	1	4693	921952	--	--	300	--	919973	6372	921952
CTL	1	19700	--	--	--	--	--	--	19700	--
RSMML	1	--	17363	--	--	--	--	17363	--	30003
PCML	1	100317	8135619	--	--	--	--	8203800	32136	8135619
JNL	1	1222	418312	--	--	120	--	405590	13824	418312
RASL	2	142408	3028249	--	--	--	--	2769583	401074	9167219
SISCL	1	34142	117905	--	--	--	--	131535	20512	117905
ELCALTD	1	18401	37129	--	--	--	--	25842	29688	37128
VSLPPL	1	--	--	--	--	--	--	--	--	--
WBMD&TCL	1	--	--	--	--	--	--	--	--	--
UML	1	34736	284238	--	--	--	--	309713	9261	284238
DVC EMTA	2	324621	2918964	--	--	--	--	2947786	295799	2987267
BLMCL	1	--	709101	--	--	--	--	708867	234	666980
ALL INDIA : ALL COAL	601	66290887	607272047	61799696	761	12575752	49699630	600316666	72665827	666415349

STATEMENT NO. 1.11

PRODUCTION OF COAL FROM BELOWGROUND WORKINGS BY MECHANISATION AND METHOD OF WORK DURING THE YEAR, 2011
(IN TONNES)

STATE/DISTRICT	TOTAL BELOW- GROUND OUTPUT	M E C H A N I S A T I O N				M E T H O D O F W O R K				10
	FULLY MECHA- NISED	SEMI MECHA- NISED	SOLID BLAST- ING	OTHERS	DEVELO- PMENT	BOARD & PILLAR	DEPIL- ARING,	SPLITT- ING AS CAVING/ FINAL STOWING	LONGWALL	
	1	2	3	4	5	6	7	8	9	
ANDHRA PRADESH										
Adilabad	4623700	293379	550416	3779905	--	1792449	2831251	--	--	
Karimnagar	14326439	407238	2067840	11851361	--	8478538	5440663	--	407238	
Khammam	1467814	384368	--	1083446	--	438084	933187	--	96543	
Warangal	1220135	--	282500	937635	--	919626	300509	--	--	
TOTAL : ANDHRA PRADESH	21638088	1084985	2900756	17652347	--	11628697	9505610	--	503781	
ASSAM										
Tinsukia	3660	--	--	3660	--	3660	--	--	--	
CHATTISGARH										
Bilaspur	204162	--	--	204162	--	204162	--	--	--	
Raigarh	1437002	--	--	1437002	--	431092	1005910	--	--	
Surguja	2971774	390088	--	2581686	--	2822612	149162	--	--	
Korea	4082102	1528197	--	2553905	--	3212032	870070	--	--	
Korba	2081070	325735	94930	1660405	--	1608138	472932	--	--	
TOTAL : CHATTISGARH	10776110	2244020	94930	8437160	--	8278036	2498074	--	--	
JHARKHAND										
Dhanbad	8883512	678504	3500197	4704811	--	7743064	1140448	--	--	
Hazaribagh	665839	--	--	665839	--	476875	188964	--	--	
Palamu	--	--	--	--	--	--	--	--	--	
Ranchi	53740	--	--	53740	--	53740	--	--	--	
Bokaro	493705	--	--	493705	--	405753	87952	--	--	
Pakur	--	--	--	--	--	--	--	--	--	
Chatra	61645	61645	--	--	--	--	61645	--	--	
Latehar	--	--	--	--	--	--	--	--	--	
TOTAL : JHARKHAND	10158441	740149	3500197	5918095	--	8679432	1479009	--	--	
JAMMU & KASHMIR										
Rajauri	17827	--	--	17827	--	17827	--	--	--	
Udhampur	3086	--	--	3086	--	3086	--	--	--	
TOTAL : JAMMU & KASHMIR	20913	--	--	20913	--	20913	--	--	--	

STATEMENT NO. 1.11 (CONTD.)

(IN TONNES)

STATE/DISTRICT	TOTAL BELOW- GROUND OUTPUT	M E C H A N I S A T I O N			M E T H O D O F W O R K				
		FULLY MECHA- NISED	SEMI MECHA- NISED	MANUAL	SOLID BLAST- ING	OTHERS	DEVELO- PMENT	BOARD & PILLAR	DEPILL- ARING, CAVING/ STOWING
1	2	3	4	5	6	7	8	9	10
MADHYA PRADESH									
Betul	3195846	126697	--	3069149	--	1701196	1494650	--	--
Chhindwara	2321968	72967	331250	1917751	--	1312065	1009903	--	--
Shahdol	5749297	828864	375036	4545397	--	5131120	618177	--	--
Sidhi	--	--	--	--	--	--	--	--	--
Umaria	1252585	--	--	1252585	--	882430	370155	--	--
Anuppur	291505	--	--	291505	--	194337	97168	--	--
TOTAL : MADHYA PRADESH	12811201	1028528	706286	11076387	--	9221148	3590053	--	--
MAHARASHTRA									
Chandrapur	1568161	208260	--	1359901	--	784543	783618	--	--
Nagpur	1645753	345887	--	1299866	--	1420536	225217	--	--
Yavatmal	347567	--	--	347567	--	347567	--	--	--
TOTAL : MAHARASHTRA	3561481	554147	--	3007334	--	2552646	1008835	--	--
ORISSA									
Angul	438762	--	--	438762	--	337930	100832	--	--
Sundergarh	--	--	--	--	--	--	--	--	--
Jharsuguda	2103340	--	38040	2065300	--	2103340	--	--	--
TOTAL : ORISSA	2542102	--	38040	2504062	--	2441270	100832	--	--
UTTAR PRADESH									
Sonebhadra	--	--	--	--	--	--	--	--	--
WEST BENGAL									
Bankura	115037	115037	--	--	--	54537	60500	--	--
Burdwan	7225852	1070050	848985	4628483	678334	3823950	3106001	43701	252200
Purulia	178979	--	--	178979	--	127056	51923	--	--
TOTAL : WEST BENGAL	7519868	1185087	848985	4807462	678334	4005543	3218424	43701	252200
GUJARAT									
Bharuch	--	--	--	--	--	--	--	--	--

Bhavanagar
Kutch

STATEMENT NO. 1.11 (CONTD.)

(IN TONNES)

STATE/DISTRICT	TOTAL	M E C H A N I S A T I O N			M E T H O D O F W O R K				
	B E L O W -	F U L L Y	S E M I	M A N U A L	B O A R D & P I L L A R			L O N G W A L L	
	G R O U N D	M E C H A -	M E C H A -		D E V E L O -	D E P I L L -	S P L I T T -		
	OUTPUT	M E C H A -	M E C H A -		P M E N T	A R I N G ,	I N G A S		
		N I S E D	N I S E D	S O L I D	O T H E R S	C A V I N G /	F I N A L		
				B L A S T -				S T O W I N G	O P E R A T I O N
				I N G					
	1	2	3	4	5	6	7	8	10
¶ Surat	--	--	--	--	--	--	--	--	--
TOTAL : GUJARAT	--	--	--	--	--	--	--	--	--
RAJASTHAN									
Barmer	--	--	--	--	--	--	--	--	--
TAMILNADU									
Cuddalore	--	--	--	--	--	--	--	--	--
ALL INDIA : COAL :	69031864	6836916	8089194	53427420	678334	46831345	21400837	43701	755981

STATEMENT NO. 1.12

PRODUCTION OF COAL FROM BELOWGROUND WORKINGS BY MECHANISATION AND METHOD OF WORK DURING THE YEAR, 2011.
(IN TONNES)

OWNER	TOTAL BELOW- GROUND OUTPUT	M E C H A N I S A T I O N				M E T H O D O F W O R K					
		FULLY MECHA- NISED	SEMI MECHA- NISED	MANUAL		BOARD & PILLAR		LONGWALL			
				SOLID BLAST- ING	OTHERS	DEVELO- PMENT	DEPILL- ARING,	SPLITT- ING AS CAVING/ FINAL STOWING	OPERATION		
1	2	3	4	5	6	7	8	9	10		
BCCL	6891638	611564	3131527	3148547	--	5827071	1064567	--	--		
CCL	1149712	61645	--	1088067	--	811151	338561	--	--		
ECL	7826572	1252027	915510	5092465	566570	4453910	3076761	43701	252200		
MCL	2542102	--	38040	2504062	--	2441270	100832	--	--		
NCL	--	--	--	--	--	--	--	--	--		
NEC	3660	--	--	3660	--	3660	--	--	--		
SECL	16912975	3072884	469966	13370125	--	14251353	2661622	--	--		
WCL	8961390	753811	331250	7876329	--	5448002	3513388	--	--		
 CIL	 44288049	 5751931	 4886293	 33083255	 566570	 33236417	 10755731	 43701	 252200		
JSMDC	--	--	--	--	--	--	--	--	--		
GMDC	--	--	--	--	--	--	--	--	--		
IISCO	263860	--	--	152096	111764	152096	111764	--	--		
J&K Min.	20913	--	--	20913	--	20913	--	--	--		
NLC	--	--	--	--	--	--	--	--	--		
SCCL	21638088	1084985	2900756	17652347	--	11628697	9505610	--	503781		
TISCO	1509398	--	302145	1207253	--	1403618	105780	--	--		
RSMDC	--	--	--	--	--	--	--	--	--		
JINDAL	--	--	--	--	--	--	--	--	--		
BECML	--	--	--	--	--	--	--	--	--		
ICML	--	--	--	--	--	--	--	--	--		
MIL	921952	--	--	921952	--	--	921952	--	--		
--	--	--	--	--	--	--	--	--	--		
JNL	234570	--	--	234570	--	234570	--	--	--		
RASL	--	--	--	--	--	--	--	--	--		
SISCL	117905	--	--	117905	--	117905	--	--	--		
ELCALTD	37129	--	--	37129	--	37129	--	--	--		
WBMD&TCL	--	--	--	--	--	--	--	--	--		
 ALL INDIA : COAL	 69031864	 6836916	 8089194	 53427420	 678334	 46831345	 21400837	 43701	 755981		

STATEMENT NO. 1.13

PRODUCTION OF COAL FROM OPENCAST WORKINGS BY MECHANISATION AND OVERBURDEN REMOVED DURING THE YEAR, 2011
(IN TONNES)

STATE/DISTRICT	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED (IN '000 CUBIC METRES)
		FULLY MECHANISED	SEMI MECHANISED	MANUAL	
1	2	3	4	5	6
1. COAL					
ANDHRA PRADESH					
Adilabad	7930400	7930400	--	--	38956
Karimnagar	17924327	17924327	--	--	109299
Khammam	30182961	30182961	--	--	118362
Warangal	291710	291710	--	--	--
TOTAL : ANDHRA PRADESH	56329398	56329398	--	--	266617
ARUNACHAL PRADESH					
Chaglong	221928	221928	--	--	2169
ASSAM					
Tinsukia	749505	749505	--	--	5008
CHATTISGARH					
Bilaspur	--	--	--	--	--
Raigarh	30172477	30172477	--	--	47206
Surguja	1664413	1664413	--	--	3891
Korea	33683	33683	--	--	--
Korba	80851149	80851149	--	--	58386
TOTAL : CHATTISGARH	112721722	112721722	--	--	109483
JHARKHAND					
Deoghar	1483034	1483034	--	--	2390
Dhanbad	24637278	24637278	--	--	43599
Giridih	512424	512424	--	--	1265
Godda	11206890	11206890	--	--	--
Hazaribagh	19165314	19165314	--	--	296881
Palamau	757641	757641	--	--	57
Ranchi	5816999	5816999	--	--	5698

STATEMENT NO. 1.13 (CONTD.)

(IN TONNES)

STATE/DISTRICT	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED (IN '000 CUBIC METRES)
		FULLY MECHANISED	SEMI MECHANISED	MANUAL	
1	2	3	4	5	6
Sahebganj	193089	193089	--	--	159
Bokaro	12687064	12687064	--	--	12643
Pakur	8135619	8135619	--	--	--
Chatra	18209273	18209273	--	--	20202
Latehar	223978	223978	--	--	--
TOTAL : JHARKHAND	103028603	103028603	--	--	382894
<hr/>					
JAMMU & KASHMIR					
Rajauri	--	--	--	--	--
Udhampur	--	--	--	--	--
TOTAL : JAMMU & KASHMIR	--	--	--	--	--
<hr/>					
MADHYA PRADESH					
Narsigpur	294169	294169	--	--	2139
Betul	--	--	--	--	--
Chhindwara	1485899	1485899	--	--	4234
Shahdol	6962824	6962824	--	--	26465
Sidhi	31248500	31248500	--	--	87266
Umaria	749670	749670	--	--	2700
Anuppur	653220	653220	--	--	2366
Singrauli	3746000	3746000	--	--	15155
TOTAL : MADHYA PRADESH	45140282	45140282	--	--	140325
<hr/>					
MAHARASHTRA					
Chandrapur	21000228	21000228	--	--	30697
Nagpur	4427495	4427495	--	--	12783
Yavatmal	13201507	13201507	--	--	253180
TOTAL : MAHARASHTRA	38629230	38629230	--	--	296660
<hr/>					
ORISSA					
Angul	48186801	43065470	5121331	--	21678

STATEMENT NO. 1.13 (CONTD.)

(IN TONNES)

STATE/DISTRICT	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED (IN '000 CUBIC METRES)
		FULLY MECHANISED	SEMI MECHANISED	MANUAL	
1	2	3	4	5	6
Sambalpur	2290060	2290060	--	--	1240
Sundergarh	7145687	7145687	--	--	1959
Jharsuguda	35264303	35264303	--	--	9697
TOTAL : ORISSA	92886851	87765520	5121331	--	34574
UTTAR PRADESH					
Sonebhadra	28522000	28522000	--	--	80535
WEST BENGAL					
Bankura	725705	725705	--	--	31
Birbhum	201923	201923	--	--	1414
Burdwan	13431138	13431138	--	--	28141
TOTAL : WEST BENGAL	14358766	14358766	--	--	29586
ALL INDIA : COAL	492588285	487466954	5121331	--	1347851
2. LIGNITE					
GUJARAT					
Bharuch	2193923	2193923	--	--	125112
Bhavanagar	1921814	1921814	--	--	8897
Kutch	6169178	6169178	--	--	11277
Surat	4039213	4039213	--	--	27297
TOTAL : GUJARAT	14324128	14324128	--	--	172583
ALL INDIA : LIGNITE	14324128	14324128	--	--	172583
3. COAL					
ORISSA					
Sundergarh	5468102	5468102	--	--	5735
ALL INDIA : COAL	5468102	5468102	--	--	5735

STATEMENT NO. 1.13 (CONTD.)

(IN TONNES)

STATE/DISTRICT	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED (IN '000 CUBIC METRES)
		FULLY MECHANISED	SEMI MECHANISED	MANUAL	
1	2	3	4	5	6
4. LIGNITE					
RAJASTHAN					
Barmer	1634032	1634032	--	--	37468
Bikaner	444206	444206	--	--	--
Nagaur	17363	17363	--	--	874
TOTAL : RAJASTHAN	2095601	2095601	--	--	38342
TAMILNADU					
Cuddalore	23764067	23764067	--	--	71969
ALL INDIA : LIGNITE	25859668	25859668	--	--	110311
ALL INDIA : ALL COAL	538240183	533118852	5121331	0	1636480

STATEMENT NO. 1.14
PRODUCTION OF COAL FROM OPENCAST WORKINGS BY MECHANISATION AND OVERBURDEN REMOVED DURING THE YEAR, 2011.
 (IN TONNES)

OWNER	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED
	FULLY MECHANISED	SEMI MECHANISED	MANUAL	(IN '000 CUBIC METRES)	
1	2	3	4	5	6
BCCL	24188318	24188318	--	--	41864
CCL	46922029	46922029	--	--	334663
ECL	20903258	20903258	--	--	10913
MCL	96064893	90943562	5121331	--	39069
NCL	63516500	63516500	--	--	182956
NEC	749505	749505	--	--	5008
SECL	95398451	95398451	--	--	123653
WCL	35575767	35575767	--	--	300894
CIL	383318721	378197390	5121331	--	1039020
JSMDC	223978	223978	--	--	--
DVC	341064	341064	--	--	440
GMDC	11988861	11988861	--	--	145286
IISCO	545770	545770	--	--	3957
J&K Min.	--	--	--	--	--
NLC	24208273	24208273	--	--	71969
SCCL	56329398	56329398	--	--	266617
TISCO	9251179	9251179	--	--	--
RSMDC	924931	924931	--	--	10758
PIL	993076	993076	--	--	--
GIPCL	1995766	1995766	--	--	27297
GHCL	339501	339501	--	--	--
JINDAL	17916715	17916715	--	--	10791
BENGALEMTA	2723905	2723905	--	--	11379
APMDTC	221928	221928	--	--	2169
BLAI	294169	294169	--	--	2139
ICML	3142306	3142306	--	--	9233
INDAL	2290060	2290060	--	--	1240
RSMML	17363	17363	--	--	874
PCML	8135619	8135619	--	--	--

STATEMENT NO. 1.14 (contd.)

(IN TONNES)

OWNER	TOTAL OPENCAST OUTPUT	M E C H A N I S A T I O N			OVERBURDEN REMOVED (IN '000 CUBIC METRES)
		FULLY MECHANISED	SEMI MECHANISED	MANUAL	
1	2	3	4	5	6
JNL	183742	183742	--	--	1552
RASL	3028249	3028249	--	--	56
SISCL	5260086	5260086	--	--	2596
	653220	653220	--	--	2366
ELCALTD	--	--	--	--	--
WBMD&TCL	--	--	--	--	31
UML	284238	284238	--	--	--
DVC EMTA	2918964	2918964	--	--	--
BLMCL	709101	709101	--	--	26710
ALL INDIA : All COAL	538240183	533118852	5121331	0	1636480

STATEMENT NO. 1.15

CLASSIFICATION OF COAL MINES DURING THE YEAR, 2011 BY SIZE OF OVERALL OUTPUT : OWNERWISE

OWNER	OUTPUT IN TONNES														TOTAL AND ABOVE
	NIL	1 TO 7200	7201 TO 30000	30001 TO 60000	60001 TO 84000	84001 TO 120000	120001 TO 180000	180001 TO 240000	240001 TO 300000	300001 TO 600000	600001 TO 1000000	1000001 TO 1500000	1500001		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
BCCL	15	2	3	11	9	6	6	4	2	10	4	5	6	83	
CCL	6	--	4	10	5	4	1	3	4	9	6	5	8	65	
ECL	8	2	17	17	17	18	11	8	5	1	5	--	2	111	
MCL	1	1	--	1	--	--	3	--	4	1	--	13	24		
NCL	--	--	--	--	--	--	--	--	--	--	1	9	10		
NEC	2	1	--	--	--	--	1	--	--	2	--	--	--	6	
SECL	5	1	--	4	4	7	16	11	8	22	5	3	8	94	
WCL	5	--	2	4	4	8	8	9	4	14	12	6	8	84	
CIL	42	7	26	47	39	43	43	38	23	62	33	20	54	477	
JSMDC	--	--	--	--	--	--	--	1	--	--	--	--	--	1	
DVC	--	--	--	--	--	--	--	--	--	1	--	--	--	1	
GMDC	--	--	--	--	--	--	--	--	--	--	1	1	4	6	
IISCO	--	--	--	2	--	--	--	--	1	1	--	--	--	4	
J&K Min.	--	2	1	--	--	--	--	--	--	--	--	--	--	3	
NLC	--	--	--	--	--	--	--	2	--	--	--	--	2	4	
SCCL	--	2	1	--	--	4	9	6	9	15	3	1	17	67	
TISCO	--	--	--	1	--	--	--	--	2	3	--	--	3	9	
RSMDC	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
PIL	--	--	--	--	--	--	--	--	--	1	--	--	--	1	
GIPCL	--	--	--	--	--	--	--	--	--	1	--	--	1	2	
GHCL	--	--	--	--	--	--	--	--	1	--	--	--	--	1	
JINDAL	--	--	--	--	--	--	--	--	--	--	--	--	3	3	
BENGALEMATA	--	--	--	--	--	--	--	1	--	--	--	--	1	2	
APMDTC	--	--	--	--	--	--	--	1	--	--	--	--	--	1	
BIAI	--	--	--	--	--	--	--	--	1	--	--	--	--	1	
ICML	--	--	--	--	--	--	--	--	--	--	--	--	1	1	
INDAL	--	--	--	--	--	--	--	--	--	--	--	--	1	1	
MIL	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
CTL	1	--	--	--	--	--	--	--	--	--	--	--	--	1	
RSMML	--	--	1	--	--	--	--	--	--	--	--	--	--	1	
PCML	--	--	--	--	--	--	--	--	--	--	--	--	1	1	
JNL	--	--	--	--	--	--	--	--	1	--	--	--	--	1	
RASL	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
SISCL	--	--	--	--	1	--	--	--	--	--	--	--	--	1	
ELCALTD	--	--	1	--	--	--	--	--	--	--	--	--	--	1	
VSLPPL	1	--	--	--	--	--	--	--	--	--	--	--	--	1	
WBMD&TCL	1	--	--	--	--	--	--	--	--	--	--	--	--	1	
UML	--	--	--	--	--	--	--	1	--	--	--	--	--	1	
DVC EMTA	--	--	--	--	--	--	--	--	--	--	1	--	1	2	
BLMCL	--	--	--	--	--	--	--	--	--	1	--	--	--	1	
ALL INDIA	45	11	29	51	39	48	52	49	37	85	43	22	90	601	

Note : Classification adopted roughly corresponds to the requirements of the managerial staff as stipulated in the Coal Mines Regulations, 1957.

STATEMENT NO. 1.16
AVERAGE DAILY EMPLOYMENT AND OUTPUT BY TYPE OF MINE WORKINGS DURING THE YEAR, 2011.

STATE/DISTRICT	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELLOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
ANDHRA PRADESH									
Adilabad	B	18	16626	--	1377	18003	4623700	--	4623700
	O	6	--	2114	137	2251	--	7930400	7930400
Karimnagar	B	17	18933	--	1616	20549	14326439	--	14326439
	O	5	--	5143	1877	7020	--	17924327	17924327
Khammam	B	7	3894	--	571	4465	1467814	--	1467814
	O	7	--	4367	2811	7178	--	30182961	30182961
Warangal	B	5	4927	--	402	5329	1220135	--	1220135
	O	1	--	296	9	305	--	288709	288709
	BO	1	18	289	2	309	--	3001	3001
TOTAL : ANDHRA PRADESH	B	47	44380	--	3966	48346	21638088	--	21638088
	O	19	--	11920	4834	16754	--	56326397	56326397
	BO	1	18	289	2	309	--	3001	3001
ARUNACHAL PRADESH									
Chaglong	O	1	--	18	390	408	--	221928	221928
ASSAM									
Tinsukia	B	2	495	--	259	754	3660	--	3660
	O	3	--	821	373	1194	--	749505	749505
	BO	1	--	--	127	127	--	--	--
CHATTISGARH									
Bilaspur	B	2	541	--	106	647	204162	--	204162
Raigarh	B	3	1996	--	282	2278	1202432	--	1202432
	O	6	--	1583	452	2035	--	29988735	29988735
	BO	1	543	117	89	749	234570	183742	418312
Surguja	B	9	3917	--	636	4553	2681974	--	2681974
	O	5	--	803	721	1524	--	1353481	1353481
	BO	1	583	357	229	1169	289800	310932	600732
Korea	B	16	6621	--	1691	8312	4082102	--	4082102
	O	1	--	74	160	234	--	33683	33683
Korba	B	11	4139	--	749	4888	2081070	2656420	4737490
	O	5	--	2441	3786	6227	--	78194729	78194729
TOTAL : CHATTISGARH	B	41	17214	--	3464	20678	10251740	2656420	12908160
	O	17	--	4901	5119	10020	--	109570628	109570628
	BO	2	1126	474	318	1918	524370	494674	1019044
GUJARAT									
Bharuch	O	2	--	1097	214	1311	--	2193923	2193923
Bhavanagar	O	2	--	167	104	271	--	1921814	1921814
Kutch	O	2	--	370	269	639	--	6169178	6169178
Surat	O	3	--	521	95	616	--	4039213	4039213
TOTAL : GUJARAT	O	9	--	2155	682	2837	--	14324128	14324128

STATEMENT NO. 1.16 (CONTD.)

STATE/DISTRICT	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELLOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
JHARKHAND									
Deoghar	O	2	--	588	693	1281	--	1483034	1483034
Dhanbad	B	51	23838	--	7078	30916	4799814	--	4799814
	O	20	--	3981	3610	7591	--	16861576	16861576
	BO	27	7639	4359	5166	17164	4083698	7775702	11859400
Giridih	O	3	--	303	236	539	--	512424	512424
Godda	O	1	--	658	1021	1679	--	11206890	11206890
Hazaribagh	B	12	4014	--	955	4969	610984	--	610984
	O	21	--	5598	4811	10409	--	18755193	18755193
	BO	3	474	49	336	859	54855	410121	464976
Palamau	O	4	--	375	316	691	--	757641	757641
Ranchi	B	1	288	--	132	420	53740	--	53740
	O	5	--	1256	1273	2529	--	5816999	5816999
Sahebganj	O	1	--	32	17	49	--	193089	193089
Bokaro	B	6	2047	--	585	2632	279005	--	279005
	O	11	--	3462	3317	6779	--	9955288	9955288
	BO	6	1194	1378	794	3366	214700	2731776	2946476
Pakur	O	1	--	418	151	569	--	8135619	8135619
Chatra	B	1	395	--	156	551	61645	--	61645
	O	2	--	1001	726	1727	--	18209273	18209273
Latehar	O	1	--	97	56	153	--	223978	223978
TOTAL : JHARKHAND	B	71	30582	--	8906	39488	5805188	--	5805188
	O	72	--	17769	16227	33996	--	92111004	92111004
	BO	36	9307	5786	6296	21389	4353253	10917599	15270852
JAMMU & KASHMIR									
Rajauri	B	2	402	--	111	513	17827	--	17827
Udhampur	B	1	100	--	28	128	3086	--	3086
TOTAL : JAMMU & KASHMIR	B	3	502	--	139	641	20913	--	20913
MADHYA PRADESH									
Narsigpur	O	1	--	162	234	396	--	294169	294169
Betul	B	9	4046	--	769	4815	3195846	--	3195846
Chhindwara	B	15	4224	--	1240	5464	1984813	--	1984813
	O	6	--	278	127	405	--	893984	893984
	BO	2	754	81	254	1089	337155	591915	929070
Shahdol	B	23	12256	--	2991	15247	5749297	--	5749297
	O	7	--	737	2409	3146	--	6962824	6962824
Sidhi	O	4	--	5944	3349	9293	--	31248500	31248500
Umaria	B	8	2971	--	894	3865	1252585	--	1252585
	O	1	--	58	25	83	--	749670	749670
Anuppur	B	1	636	--	126	762	291505	--	291505
	O	1	--	185	45	230	--	653220	653220
Singrauli	O	1	--	359	219	578	--	3746000	3746000

STATEMENT NO. 1.16 (CONTD.)

STATE/DISTRICT	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELLOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
TOTAL : MADHYA PRADESH	B	56	24133	--	6020	30153	12474046	--	12474046
	O	21	--	7723	6408	14131	--	44548367	44548367
	BO	2	754	81	254	1089	337155	591915	929070
MAHARASHTRA									
Chandrapur	B	12	5075	--	1599	6674	1568161	--	1568161
	O	18	--	3673	5392	9065	--	21000228	21000228
Nagpur	B	8	3896	--	836	4732	1645753	--	1645753
	O	5	--	946	1338	2284	--	4427495	4427495
Yavatmal	B	2	760	--	167	927	347567	--	347567
	O	10	--	2462	1361	3823	--	13201507	13201507
TOTAL : MAHARASHTRA	B	22	9731	--	2602	12333	3561481	--	3561481
	O	33	--	7081	8091	15172	--	38629230	38629230
ORISSA									
Angul	B	3	1533	--	491	2024	438762	--	438762
	O	8	--	5394	3247	8641	--	48186801	48186801
Sambalpur	O	1	--	110	165	275	--	2290060	2290060
Sundergarh	O	2	--	911	91	1002	--	12613789	12613789
Jharsuguda	B	6	2872	--	681	3553	2103340	--	2103340
	O	5	--	2503	1250	3753	--	35264303	35264303
TOTAL : ORISSA	B	9	4405	--	1172	5577	2542102	--	2542102
	O	16	--	8918	4753	13671	--	98354953	98354953
RAJASTHAN									
Barmer	O	2	--	561	126	687	--	1634032	1634032
Bikaner	O	3	--	359	23	382	--	444206	444206
Nagaur	O	1	--	62	98	160	--	17363	17363
TOTAL : RAJASTHAN	O	6	--	982	247	1229	--	2095601	2095601
TAMILNADU									
Cuddalore	O	2	--	6460	2581	9041	--	23764067	23764067
UTTAR PRADESH									
Sonebhadra	O	5	--	6165	2382	8547	--	28522000	28522000
WEST BENGAL									
Bankura	B	1	473	--	170	643	115037	--	115037
	O	2	--	123	51	174	--	725705	725705
Birbhum	B	1	6	--	26	32	--	--	--
	O	1	--	126	113	239	--	201923	201923
Burdwan	B	75	30765	--	12115	42880	6481197	--	6481197
	O	16	--	3153	2398	5551	--	12319496	12319496
	BO	6	2914	861	1280	5055	744655	1111642	1856297
Purulia	B	2	1171	--	490	1661	178979	--	178979

STATEMENT NO. 1.16 (CONTD.)

STATE/DISTRICT	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELOWGROUND	OPENCAST	TOTAL
1 TOTAL : WEST BENGAL	2 B	3 79	4 32415	5 --	6 12801	7 45216	8 6775213	9 --	10 6775213
	O	19	--	3402	2562	5964	--	13247124	13247124
	BO	6	2914	861	1280	5055	744655	1111642	1856297
ALL INDIA : ALL COAL	B	330	163857	--	39329	203186	63072431	--	65728851
	O	223	--	78315	54649	132964	--	522464932	522464932
	BO	48	14119	7491	8277	29887	5959433	13118831	19078264
ALL INDIA :	ALL	601	177976	85806	102255	366037	69031864	538240183	607272047

B : Mines having belowground workings only

O : Mines having opencast workings only

BO : Mines having both belowground & opencast workings

STATEMENT NO. 1.17
AVERAGE DAILY EMPLOYMENT AND OUTPUT BY TYPE OF MINE WORKINGS DURING THE YEAR, 2011 : OWNERWISE

OWNER	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
BCCL	B	45	16050	--	6124	22174	2847882	--	2847882
	O	18	--	3927	3367	7294	--	16573264	16573264
	BO	20	7450	4188	4341	15979	4043756	7615054	11658810
CCL	B	21	6744	--	1895	8639	1005374	--	1005374
	O	39	--	10329	10098	20427	--	44130337	44130337
	BO	5	984	1127	726	2837	144338	2791692	2936030
ECL	B	85	34550	--	13828	48378	7158284	--	7158284
	O	19	--	3177	3977	7154	--	19786261	19786261
	BO	7	3000	719	1425	5144	668288	1116997	1785285
MCL	B	9	4405	--	1172	5577	2542102	--	2542102
	O	15	--	8808	4588	13396	--	96064893	96064893
NCL	O	10	--	12468	5950	18418	--	63516500	63516500
NEC	B	2	495	--	259	754	3660	--	3660
	O	4	--	821	500	1321	--	749505	749505
SECL	B	72	31630	--	7272	38902	16623175	2656420	19279595
	O	21	--	4559	7234	11793	--	93084319	93084319
	BO	1	583	357	229	1169	289800	310932	600732
WCL	B	45	17780	--	4580	22360	8624235	--	8624235
	O	37	--	6751	8113	14864	--	34983852	34983852
	BO	2	754	81	254	1089	337155	591915	929070
CIL	B	279	111654	--	35130	146784	38804712	2656420	41461132
	O	163	--	50840	43827	94667	--	368888931	368888931
	BO	35	12771	6472	6975	26218	5483337	12426590	17909927
JSMDC	O	1	--	97	56	153	--	223978	223978
DVC	O	1	--	71	97	168	--	341064	341064
GMDC	O	6	--	1799	602	2401	--	11988861	11988861
IISCO	B	1	205	--	97	302	59463	--	59463
	O	1	--	46	2	48	--	40272	40272
	BO	2	653	552	431	1636	204397	505498	709895
J&K Min.	B	3	502	--	139	641	20913	--	20913
NLC	O	4	--	6718	2589	9307	--	24208273	24208273

STATEMENT NO. 1.17 (CONTD.)

OWNER	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
SCCL	B	47	44380	--	3966	48346	21638088	--	21638088
	O	19	--	11920	4834	16754	--	56326397	56326397
	BO	1	18	289	2	309	--	3001	3001
TISCO	B	5	5448	--	393	5841	1509398	--	1509398
	O	4	--	1427	374	1801	--	9251179	9251179
RSMDC	O	1	--	155	51	206	--	924931	924931
PIL	O	1	--	155	47	202	--	993076	993076
GIPCL	O	2	--	307	72	379	--	1995766	1995766
GHCL	O	1	--	49	8	57	--	339501	339501
JINDAL	O	3	--	1088	298	1386	--	23176801	23176801
BECML	O	2	--	476	176	652	--	2723905	2723905
APMDCL	O	1	--	18	390	408	--	221928	221928
BLAI	O	1	--	162	234	396	--	294169	294169
ICML	O	1	--	912	330	1242	--	3142306	3142306
INDAL	O	1	--	110	165	275	--	2290060	2290060
MIL	B	1	1447	--	203	1650	921952	--	921952
CTL	O	1	--	5	52	57	--	--	--
RSMML	O	1	--	62	98	160	--	17363	17363
ECL	O	1	--	418	151	569	--	8135619	8135619
JNL	BO	1	543	117	89	749	234570	183742	418312
RASL	O	2	--	358	99	457	--	3028249	3028249
SISCL	B	1	221	--	31	252	117905	--	117905
ELCALTD	BO	1	134	61	23	218	37129	--	37129
VSLPPL	O	1	--	101	15	116	--	--	--
WBMD&TCL	O	1	--	12	26	38	--	--	--

STATEMENT NO. 1.17
AVERAGE DAILY EMPLOYMENT AND OUTPUT BY TYPE OF MINE WORKINGS DURING THE YEAR, 2011 : OWNERWISE

OWNER	TYPE OF MINE	NUMBER OF MINES	EMPLOYMENT				OUTPUT (IN TONNES)		
			BELLOWGROUND	OPENCAST	ABOVEGROUND	TOTAL	BELLOWGROUND	OPENCAST	TOTAL
1	2	3	4	5	6	7	8	9	10
UML	O	1	--	163	58	221	--	284238	284238
KEMTA	O	1	--	329	25	354	--	2193259	2193259
DVC EMTA	O	1	--	111	25	136	--	725705	725705
BLMCO.LTD	O	1	--	406	75	481	--	709101	709101
ALL INDIA : OVER ALL	B	337	163857	--	39959	203816	63072431	--	65728851
	O	224	--	78315	54776	133091	--	522464932	522464932
	BO	40	14119	7491	7520	29130	5959433	13118831	19078264
ALL INDIA :	ALL	601	177976	85806	102255	366037	69031864	538240183	607272047

B : Mines having belowground workings only

O : Mines having opencast workings only

BO : Mines having both belowground & opencast workings

STATEMENT NO. 1.18
PRODUCTIVITY IN COAL MINES DURING THE YEAR, 2011.

(IN TONNES)

STATE/DISTRICT	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGNS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7
1. COAL						
ANDHRA PRADESH						
Adilabad	278	3751	620	0.97	11.44	2.13
Karimnagar	757	3485	1170	2.54	10.87	3.84
Khammam	377	6912	2718	1.25	21.03	8.58
Warangal	247	499	254	0.87	1.75	0.90
TOTAL : ANDHRA PRADESH	487	4614	1192	1.67	14.28	3.96
ARUNACHAL PRADESH						
Chaglong	--	12329	544	--	43.86	1.97
ASSAM						
Tinsukia	7	913	363	0.02	2.87	1.16
CHATTISGARH						
Bilaspur	377	--	316	1.05	--	0.88
Raigarh	566	17749	6244	1.64	55.22	18.69
Surguja	660	1435	640	1.85	4.03	1.80
Korea	617	455	482	1.74	1.36	1.36
Korba	503	33122	7461	1.32	116.76	21.61
TOTAL : CHATTISGARH	588	20971	3786	1.63	67.22	10.87
JHARKHAND						
Deoghar	--	2522	1158	--	6.93	3.18
Dhanbad	282	2954	602	0.92	8.65	1.91
Giridih	--	1691	951	--	4.70	2.63
Godda	--	17032	6675	--	56.77	22.25
Hazaribagh	148	3394	1221	0.48	10.47	3.80
Palamu	--	2020	1096	--	6.46	3.48
Ranchi	187	4631	1991	0.61	12.74	5.62
Sahebganj	--	6034	3941	--	19.80	13.44
Bokaro	152	2621	1032	0.49	8.17	3.28
Pakur	--	19463	14298	--	61.53	45.22
Chatra	156	18191	8021	0.50	54.16	24.21
Latehar	--	2309	1464	--	7.09	4.90
TOTAL : JHARKHAND	255	4374	1193	0.83	13.15	3.75

STATEMENT NO. 1.18 (CONTD.)

(IN TONNES)

STATE/DISTRICT	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGHTS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
	1	2	3	4	5	6	7
JAMMU & KASHMIR						
Rajauri	44	--	35	0.15	--	0.11
Udhampur	31	--	24	0.10	--	0.08
TOTAL : JAMMU & KASHMIR	42	--	33	0.14	--	0.11
MADHYA PRADESH						
Narsigpur	--	1816	743	--	5.90	2.41
Betul	790	--	664	2.36	--	1.99
Chhindwara	466	4139	547	1.48	13.27	1.74
Shahdol	469	9448	691	1.39	26.03	2.04
Sidhi	--	5257	3363	--	15.71	10.18
Umaria	422	12925	507	1.28	35.63	1.57
Anuppur	458	3531	952	1.26	10.03	2.65
Singrauli	--	10435	6481	--	33.44	20.70
TOTAL : MADHYA PRADESH	515	5784	1277	1.55	17.25	3.85
MAHARASHTRA						
Chandrapur	309	5717	1434	0.93	16.69	4.22
Nagpur	422	4680	866	1.28	13.86	2.61
Yavatmal	457	5362	2852	1.38	16.66	8.89
TOTAL : MAHARASHTRA	366	5455	1534	1.11	16.30	4.58
ORISSA						
Angul	286	8933	4559	0.84	25.48	13.28
Sambalpur	--	20819	8327	--	68.01	27.28
Sundergarh	--	13846	12589	--	38.92	35.32
Jharsuguda	732	14089	5115	2.26	39.27	15.02
TOTAL : ORISSA	577	11029	5242	1.75	31.25	15.31
UTTAR PRADESH						
Sonebhadra	--	4626	3337	--	14.22	10.26
WEST BENGAL						
Bankura	243	5900	1029	0.79	17.61	3.29
Birbhum	0	1603	745	0.00	4.48	2.12
Burdwan	215	3346	386	0.67	10.50	1.21
Purulia	153	--	108	0.50	--	0.35
TOTAL : WEST BENGAL	213	3368	389	0.67	10.52	1.22
ALL INDIA : COAL	388	6535	1607	1.23	19.74	4.99

STATEMENT NO. 1.18 (CONTD.)
(IN TONNES)

STATE/DISTRICT	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGNS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7
2. LIGNITE						
GUJARAT						
Bharuch	--	2000	1673	--	6.70	5.64
Bhavanagar	--	11508	7092	--	35.16	21.96
Kutch	--	16673	9654	--	50.02	29.90
Surat	--	7753	6557	--	21.84	18.45
TOTAL : GUJARAT	--	6647	5049	--	20.75	15.89
RAJASTHAN						
Barmer	--	2913	2379	--	8.42	6.91
Bikaner	--	1237	1163	--	3.47	3.27
Nagaur	--	280	109	--	0.92	0.36
TOTAL : RAJASTHAN	--	2134	1705	--	6.15	4.97
TAMILNADU						
Cuddalore	--	3679	2628	--	11.77	8.41
ALL INDIA : LIGNITE	--	4187	3066	--	13.17	9.69
ALL INDIA : COAL & LIGNITE	388	6273	1659	1.23	19.03	5.15

STATEMENT NO. 1.19

PRODUCTIVITY IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

(IN TONNES)

OWNER	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGNS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7
BCCL	293	2981	684	0.96	8.68	2.16
CCL	149	4096	1507	0.48	12.44	4.66
ECL	208	5365	473	0.66	16.21	1.48
MCL	577	10907	5197	1.75	30.85	15.15
NCL	--	5094	3449	--	15.46	10.53
NEC	7	913	363	0.02	2.87	1.16
SECL	525	19539	2178	1.50	60.52	6.31
WCL	484	5207	1162	1.47	15.50	3.51
CIL	356	6700	1600	1.09	19.98	4.87
JSMDC	--	2309	1464	--	7.09	4.90
DVC	--	4804	2030	--	15.72	6.64
GMDC	--	6664	4993	--	21.30	16.08
IISCO	308	913	408	0.99	3.02	1.34
J&K Min.	42	--	33	0.14	--	0.11
NLC	--	3603	2601	--	11.45	8.28

STATEMENT NO. 1.19 (CONTD.)

(IN TONNES)

OWNER	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGNS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7
SCCL	487	4614	1192	1.67	14.28	3.96
TISCO	277	6483	1408	0.92	20.39	4.60
RSMDC	--	5967	4490	--	19.47	14.65
PIL	--	6407	4916	--	20.80	15.96
GIPCL	--	6501	5266	--	18.12	14.67
GHCL	--	6929	5956	--	19.49	17.01
JINDAL	--	21302	16722	--	69.77	54.78
BECML	--	5722	4178	--	16.00	11.67
APMDCL	--	12329	544	--	43.86	1.97
BLAI	--	1816	743	--	5.90	2.41
ICML	--	3446	2530	--	12.39	9.08
INDAL	--	20819	8327	--	68.01	27.28
MIL	637	--	559	1.77	--	1.55
CTL	--	0	0	--	0.00	0.00
RSMML	--	280	109	--	0.92	0.36
ECL	--	19463	14298	--	61.53	45.22

STATEMENT NO. 1.19 (CONTD.)

(IN TONNES)

OWNER	OUTPUT PER MAN YEAR			OUTPUT PER MANSIGNS		
	BELLOWGROUND	OPENCAST	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7
JNL	432	1570	558	1.46	4.71	1.85
RASL	--	8459	6626	--	27.51	21.56
SISCL	534	--	468	1.72	--	1.51
ELCALTD	277	0	170	0.99	0.00	0.60
VSLPPL	--	0	0	--	0.00	0.00
WBMD&TCL	--	0	0	--	0.00	0.00
UML	--	1744	1286	--	5.76	4.25
KEMTA	--	6666	6196	--	21.79	20.25
DVC EMTA	--	6538	5336	--	19.37	15.79
BLMCO.LTD	--	1747	1474	--	4.84	4.09
ALL INDIA	388	6273	1659	1.23	19.03	5.15

STATEMENT NO. 1.20

REGIONWISE EMPLOYMENT AND OUTPUT IN COAL MINES DURING THE YEAR, 2011.

REGION/ZONE	NUMBER OF MINES	AVERAGE DAILY EMPLOYMENT			OUTPUT (IN TONNES)			
		BELLOWGROUND	OPENCAST	ABOVEGROUND	OVERALL	BELLOWGROUND	OPENCAST	OVERALL
1	2	3	4	5	6	7	8	9
Dhanbad I	29	10834	2269	4598	17701	4780611	6882033	11662644
Dhanbad II	32	9047	2162	5601	16810	1588622	5277029	6865651
Dhanbad III	35	11313	3193	5253	19759	2470413	10526176	12996589
Koderma	24	2691	4904	4618	12213	405617	12849283	13254900
Central Zone	120	33885	12528	20070	66483	9245263	35534521	44779784
Sitarampur I	41	14978	743	6190	21911	2669340	959436	3628776
Sitarampur II	48	13548	3218	7465	24231	3441745	8985249	12426994
Sitarampur III	31	8131	3792	6735	18658	1544397	28706391	30250788
Eastern Zone	120	36657	7753	20390	64800	7655482	38651076	46306558
Ahmedabad	4	--	537	373	910	--	8090992	8090992
Surat	5	--	1618	309	1927	--	6233136	6233136
North Western Zone	9	--	2155	682	2837	--	14324128	14324128
Ajmer	6	--	982	247	1229	--	2095601	2095601
Ghaziabad	3	502	--	139	641	20913	--	20913
Varanasi	10	--	12468	5950	18418	--	63516500	63516500
Northern Zone	19	502	13450	6336	20288	20913	65612101	65633014
Hyderabad I	43	27772	10095	7288	45155	17014388	48398998	65413386
Hyderabad II	24	16626	2114	1514	20254	4623700	7930400	12554100
South Central Zone	67	44398	12209	8802	65409	21638088	56329398	77967486
Bhubaneswar	23	4405	8007	5834	18246	2542102	85741164	88283266
Chaibasa	2	--	911	91	1002	--	12613789	12613789
Raigarh	25	7039	2860	2409	12308	4408776	31836890	36245666
Ranchi	50	5171	8376	8761	22308	781224	44173205	44954429
South Eastern Zone	100	16615	20154	17095	53864	7732102	174365048	182097150
Chennai	2	--	6460	2581	9041	--	23764067	23764067
Southern Zone	2	--	6460	2581	9041	--	23764067	23764067
Bilaspur	35	11301	2515	6492	20308	6367334	80884832	87252166
Jabalpur	42	15863	1142	6724	23729	7293387	8659883	15953270
Nagpur 1	45	12920	1305	4564	18789	7163567	5913394	13076961
Nagpur 2	42	5835	6135	8519	20489	1915728	34201735	36117463
Western Zone	164	45919	11097	26299	83315	22740016	129659844	152399860
ALL INDIA	601	177976	85806	102255	366037	69031864	538240183	607272047

Note : At present Baroda Region is being looked after by the incharge of Udaipur Region.

STATEMENT NO. 1.21

EMPLOYMENT ON ROLLS IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

OWNER	NO. OF MINES	BELOW-GROUND	OPENCAST	ABOVE-GROUND	TOTAL
1	2	3	4	5	6
BCCL	83	28409	9922	16523	54854
CCL	65	9380	13685	15277	38342
ECL	111	44994	4654	23079	72727
MCL	24	5265	10570	6908	22743
NCL	10	--	14962	7140	22102
NEC	6	594	985	910	2489
SECL	94	38303	6432	17667	62402
WCL	84	22840	8211	15625	46676
CIL	477	149785	69421	103129	322335
JSMDC	1	--	116	67	183
DVC	1	--	85	116	201
GMDC	6	--	2232	690	2922
IISCO	4	1005	657	597	2259
J&K Min.	3	610	--	164	774
NLC	4	--	8061	3108	11169
SCCL	67	54027	14727	10802	79556
TISCO	9	6537	1705	884	9126
RSMDC	1	--	186	61	247
PIL	1	--	186	56	242

STATEMENT NO. 1.21 (CONTD.)

OWNER	NO. OF MINES	BELOW-GROUND	OPENCAST	ABOVE-GROUND	TOTAL
1	2	3	4	5	6
GIPCL	2	--	572	144	716
GHCL	1	--	93	15	108
JINDAL	3	--	1334	377	1711
BECML	2	--	571	212	783
APMDCL	1	--	26	560	586
BLAI	1	--	194	281	475
ICML	1	--	1094	396	1490
INDAL	1	--	132	198	330
MIL	1	1736	--	244	1980
CTL	1	--	6	62	68
RSMML	1	--	74	118	192
ECL	1	--	502	181	683
JNL	1	652	140	107	899
RASL	2	--	430	119	549
SISCL	1	265	--	37	302
ELCALTD	1	161	73	28	262
VSLPPL	1	--	121	17	138
WBMD&TCL	1	--	19	34	53
UML	1	--	196	70	266
KEMTA	1	--	395	30	425
DVC EMTA	1	--	133	30	163
BLMCO.LTD	1	--	487	90	577
ALL INDIA	601	214778	103968	123024	441770

STATEMENT NO.1.22
TREND IN PRODUCTIVITY IN COAL MINES

(IN TONNES)

YEAR	OUTPUT PER MANSIIFT					OUTPUT PER MAN YEAR				
	BLOW GOUND	OPEN-CAST	BELOW GRound & OPENCAST	ALL IN THE MINE		BLOW GOUND	OPEN-CAST	BELOW GRound & OPENCAST	ALL IN THE MINE	
	1	2	3	4	5	6	7	8	9	
1971	0.86	1.46	0.95	0.67	356	397	279	198		
1976	0.91	1.48	1.02	0.69	276	399	301	205		
1981	0.82	3.02	1.09	0.81	252	927	336	248		
1986	0.77	4.89	1.47	1.01	240	1518	454	313		
1991	0.73	8.05	2.03	1.40	224	2497	621	429		
1992	0.75	8.30	2.15	1.47	228	2672	660	453		
1993	0.77	8.75	2.23	1.53	239	2736	692	477		
1994	0.77	9.22	2.37	1.63	241	2925	743	511		
1995	0.78	10.07	2.61	1.80	239	3182	801	554		
1996	0.80	10.69	2.77	1.91	249	3422	869	601		
1997	0.80	11.27	2.92	2.01	248	3602	911	629		
1998	0.83	11.39	3.04	2.09	254	3665	944	651		
1999	0.85	10.77	3.06	2.12	264	3454	958	663		
2000	0.87	12.10	3.39	2.34	266	3894	1052	729		
2001	0.87	12.60	3.58	2.51	268	4019	1107	779		
2002	0.94	13.56	3.97	2.75	291	4339	1238	860		
2003	0.95	14.24	4.27	2.91	295	4565	1332	910		
2004	0.94	15.10	4.61	3.19	294	4943	1455	1010		
2005	1.00	15.92	4.87	3.35	312	5125	1532	1055		
2006	1.00	14.80	4.99	3.50	313	4865	1584	1116		
2007	1.05	15.77	5.59	3.95	331	5213	1792	1268		
2008	1.12	17.14	5.89	4.25	355	5700	1918	1371		
2009	1.15	18.65	6.60	4.66	359	6150	2101	1494		
2010	1.21	19.58	7.09	5.05	384	6434	2273	1626		
2011	1.23	19.03	7.18	5.15	388	6273	2302	1659		

STATEMENT No. 1.23

TREND IN AVERAGE DAILY EMPLOYMENT : OWNERWISE
(IN THOUSAND)

NAME OF COMPANY	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
B.C.C.L	111.5	107.6	101.8	98.3	94.4	90.8	86.6	80.2	74.8	70.0	68.4	62.7	59.7	57.0	53.6	51.2	47.1	49.3	46.5	45.4
C.C.L	63.7	62.5	59.9	59.2	57.9	56.6	54.9	53.7	50.5	48.0	45.8	43.4	41.2	40.6	38.8	38.8	35.1	32.7	30.8	31.9
E.C.L	124.6	122.7	117.0	110.1	110.1	110.2	107.0	98.7	92.7	89.8	83.4	81.7	78.9	77.2	73.6	72.2	70.2	68.4	64.2	60.7
M.C.L	15.3	15.2	15.4	15.6	16.5	16.5	16.6	17.7	17.7	16.0	16.3	18.4	17.7	17.2	16.1	16.3	16.2	18.1	18.6	19.0
N.C.L	11.2	11.5	10.8	11.1	11.6	12.3	12.4	13.2	13.0	12.4	13.0	12.9	12.9	13.4	13.8	16.0	16.7	17.3	17.1	18.4
N.E.C	3.5	3.4	3.2	3.0	3.0	2.9	2.9	3.1	3.0	3.1	3.2	2.6	2.7	2.8	2.9	2.7	2.4	1.9	2.1	2.1
S.E.C.L	65.2	65.8	63.4	64.3	62.0	63.4	63.6	63.7	62.9	59.8	59.8	58.6	58.9	57.9	57.9	54.0	52.8	49.9	49.5	51.9
W.C.L	57.9	56.3	54.8	54.3	53.5	55.1	55.6	52.9	53.7	50.1	47.6	49.2	47.2	44.0	42.9	41.1	40.9	40.2	38.0	38.3
C.I.L	452.9	445.0	426.3	415.9	409.0	407.8	399.6	383.2	368.3	349.2	337.5	329.5	319.2	310.1	229.2	292.3	281.4	277.8	266.8	267.7
D.V.C	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G.M.D.C	1.5	1.5	1.6	1.5	1.4	1.4	1.4	1.9	1.4	1.5	1.4	1.4	1.3	1.5	1.3	1.5	1.5	1.9	2.3	2.4
IISCO	3.8	3.8	4.0	3.6	3.5	3.5	3.4	3.5	3.3	3.6	3.3	3.6	3.2	3.1	3.1	2.8	2.6	2.6	2.0	
J & K MINERALS	0.7	0.7	0.3	0.6	0.6	0.7	0.7	0.6	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.5	0.6	0.6	0.6
N.L.C.	5.8	6.9	7.0	6.9	7.6	7.0	7.1	7.4	7.1	7.4	7.3	9.1	9.8	12.1	10.6	10.6	10.6	10.9	11.3	9.3
S.C.C.L	73.4	75.8	71.6	72.2	71.8	70.7	68.6	68.6	67.2	65.4	62.3	60.6	59.7	58.7	57.8	55.9	57.9	62.9	69.7	65.4
TISCO	13.1	11.9	12.3	12.0	12.0	11.5	9.5	9.0	8.2	8.5	8.1	9.1	7.9	8.5	8.2	9.7	7.1	8.1	7.8	7.6
OTHERS	--	--	--	--	--	0.4	0.7	1.1	1.7	1.3	1.4	2.2	2.8	3.8	4.4	5.4	7.4	9.0	8.8	10.8
TOTAL :	552.0	546.3	523.7	513.3	506.4	503.4	491.3	466.7	458.4	438.2	422.6	416.8	405.2	398.9	385.7	379.5	369.4	374.0	370.1	366.0

STATEMENT NO.1.24

TREND IN ANNUAL OUTPUT: OWNERWISE

(IN MILLION TONNES)

COMPANY	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
B.C.C.L.	28.9	29.3	28.4	28.9	30.1	29.2	26.8	26.9	24.8	28.1	23.3	22.8	21.7	23.7	23.3	26.8	32.1	33.4	31.1
C.C.L.	33.2	32.9	29.0	31.8	32.3	31.7	32.2	33.4	32.8	36.4	36.2	36.6	39.1	37.5	43.7	42.8	44.7	47.4	48.1
E.C.L.	23.4	23.0	25.7	28.7	28.5	27.5	24.8	27.1	27.1	26.5	27.3	26.6	28.8	25.9	23.7	26.4	29.3	36.9	28.7
M.C.L.	23.8	26.4	31.3	36.2	41.0	44.8	42.1	45.7	45.6	51.2	56.7	66.2	69.1	66.9	83.0	84.3	97.9	101.7	98.6
N.C.L.	30.7	32.1	35.0	36.2	36.9	35.8	37.0	40.3	41.8	44.1	44.2	48.6	51.6	53.6	55.6	62.8	66.7	66.2	63.5
N.E.C	1.2	1.2	1.0	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.2	1.0	1.0	1.1	1.1	0.8
S.E.C.L.	47.4	48.6	51.7	53.9	56.0	58.6	57.0	60.5	64.0	66.8	69.1	77.9	82.1	86.1	92.1	103.9	103.0	101.7	113.0
W.C.L.	25.8	26.4	28.5	29.7	32.5	32.3	32.6	35.8	37.2	38.2	45.5	48.7	43.5	43.5	42.2	43.8	45.1	43.5	44.5
C.I.L	214.4	219.9	230.6	246.2	258.0	260.5	253.1	270.4	274.0	292.0	303.0	328.1	336.7	338.4	364.6	391.8	419.9	439.0	428.3
B.E.C.M.L.	--	--	--	--	--	1.8	2.0	2.4	2.8	3.0	3.6	3.9	4.2	4.2	4.2	4.2	3.8	3.4	2.7
J.S.M.D.C	--	--	0.2	0.3	0.2	0.2	0.3	0.3	0.5	0.5	0.4	0.6	0.7	0.7	0.7	0.4	0.4	0.4	0.2
D.V.C.	--	--	0.2	0.3	0.4	0.4	0.3	0.4	0.4	0.1	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.3
G.I.P.C.L.	--	--	--	--	--	--	0.2	1.1	1.2	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.8	2.3	2.0
G.M.D.C	3.4	4.0	4.6	4.6	5.1	5.0	4.6	4.6	4.6	5.4	5.2	6.3	6.8	8.0	9.4	8.9	8.0	11.0	11.0
I.I.S.CO.	0.7	0.9	1.0	0.9	0.8	0.8	1.0	1.2	1.2	0.9	0.7	0.9	0.8	0.6	1.0	1.0	1.2	1.2	0.8
JINDAL	--	--	--	--	--	--	0.5	1.3	1.5	1.9	2.4	2.8	4.6	6.1	5.9	3.7	5.9	24.0	23.0
N.L.C.	13.5	13.7	17.5	17.7	17.9	18.9	17.7	17.6	18.6	17.7	20.8	20.8	18.2	19.3	22.3	20.6	21.6	22.7	24.2
R.S.M.D.C.	--	--	--	--	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.4	0.4	1.0	0.8	1.0	0.9
S.C.C.L	24.7	24.7	25.6	29.1	28.8	27.8	30.0	29.5	30.8	34.0	33.4	34.5	35.6	39.6	45.6	48.4	61.4	74.9	78.0
T.I.S.C.O.	3.8	4.0	4.8	5.0	5.3	5.1	5.2	5.3	5.6	5.8	5.8	5.7	6.5	6.3	9.9	10.4	10.3	10.2	10.8
TOTAL* :	260.6	267.5	284.5	304.1	316.6	319.9	312.4	334.3	341.5	363.3	377.7	409.3	420.9	430.3	481.1	506.3	558.8	601.9	607.3

Note-*Total includes other companies

STATEMENT NO.1.25
TREND IN OUTPUT PER MANYEAR : OWNERWISE

(IN TONNES)

COMPANY	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
B.C.C.L.	269	288	289	306	332	337	334	360	353	410	371	382	380	441	456	569	651	719	684
C.C.L.	532	550	491	549	571	578	599	662	684	795	834	889	963	968	1129	1218	1367	1543	1507
E.C.L.	191	197	233	261	259	257	251	292	302	318	335	337	373	352	328	376	428	454	473
M.C.L.	1568	1709	2015	2191	2487	2696	2373	2591	2854	3142	3075	3743	4023	4155	5083	5213	5427	5479	5197
N.C.L.	2671	2965	3142	3129	2999	2883	2802	3103	3374	3393	3415	3757	3861	3879	3465	3750	3865	3870	3449
N.E.C.	344	380	333	275	239	205	202	217	228	230	265	260	273	433	363	400	578	503	363
S.E.C.L.	720	766	805	868	883	920	896	961	1069	1116	1179	1323	1419	1498	1705	1967	2063	2192	2178
W.C.L.	458	482	524	556	589	583	616	667	742	802	926	1032	988	1014	1026	1073	1122	1146	1162
C.I.L.	482	516	555	602	633	652	661	734	784	865	920	1028	1086	1131	1247	1392	1512	1617	1600
B.E.C.M.L.	--	--	--	--	--	--	7785	7097	7685	8066	8620	8719	9710	9710	9710	9531	3751	5592	4178
J.S.M.D.C.	1271	1102	2570	3331	3193	2094	1971	4217	5905	3583	2988	4485	5217	3397	3864	2940	2903	3208	1464
D.V.C	34	465	409	488	885	1285	889	1382	1433	515	1362	1557	1650	1642	1655	1517	1286	1038	2030
G.I.P.C.L.	--	--	--	--	--	--	591	1584	3957	4823	4823	3562	4790	4736	5176	8023	6326	5287	5266
G.M.D.C	2241	2571	3182	3160	3512	3553	2377	3197	2993	3981	3767	5039	4711	5935	6224	6083	4730	4692	4993
I.I.S.CO.	175	231	284	257	227	230	281	347	348	267	201	299	266	202	323	349	465	477	408
JINDAL	--	--	--	--	--	--	2975	5054	5843	5336	9917	7079	7859	10347	13513	23548	8548	20404	16722
J & K MINERALS	31	35	31	28	9	7	39	31	33	31	19	23	20	19	21	19	28	32	33
N.L.C	1939	1968	2514	2310	2566	2563	2380	2479	2534	2429	2297	2127	1503	1827	2098	1941	1985	1998	2601
R.S.M.D.C	--	--	277	--	1095	1961	1340	1603	1801	2525	3264	3809	3155	2281	3725	5302	3935	5105	4490
S.C.C.L	327	345	354	405	408	405	438	438	471	545	551	578	607	685	818	835	976	1074	1192
T.I.S.CO.	321	326	403	433	460	539	577	460	654	717	634	723	759	771	1020	1460	1273	1304	1408
TOTAL*	477	511	554	601	629	651	663	729	779	860	910	1010	1055	1116	1268	1371	1494	1626	1659

Total includes other companies also.

STATEMENT NO.1.26

**TREND IN OUTPUT OF COAL AS OBTAINED FROM LONGWALL
WORKING AND SPLITTING AS FINAL OPERATION**

YEAR	LONGWALL WORKING		SPLITTING AS FINAL OPERATION	
	NO. OF MINES REPORTED	OUTPUT (IN '000 tonnes)	NO. OF MINES REPORTED	OUTPUT (IN '000 tonnes)
1	2	3	4	5
1971	16	810	69	2236
1976	13	1071	49	3315
1981	18	827	49	3871
1982	9	1381	6	662
1983	15	1716	9	812
1984	12	1613	7	330
1985	17	2453	5	383
1986	19	2796	2	286
1987	17	2476	5	338
1988	N.A.	2974	N.A.	312
1989	18	2924	2	256
1990	16	2011	2	231
1991	13	2064	4	318
1992	13	1951	3	348
1993	10	2090	2	94
1994	13	3016	3	94
1995	14	4072	2	155
1996	16	5038	4	225
1997	14	4395	2	135
1998	15	4363	2	156
1999	14	4250	6	370
2000	15	4765	6	341
2001	13	3766	2	227
2002	15	4299	3	221
2003	15	4604	4	269
2004	15	3225	4	211
2005	13	2672	5	358
2006	11	2096	5	374
2007	12	2726	5	460
2008	11	2498	2	585
2009	10	3831	2	588
2010	7	1462	2	383
2011	3	755	1	43

N.A : Not available.

SECTION – II

GASSINESS

STATEMENT NO. 2.1
TREND IN EMPLOYMENT AND OUTPUT FROM GASSY COAL MINES HAVING DEGREE II OR III SEAMS

Year	Gassy Coal Mines			Percentage of		
	No. of mines having Degree II or III or both II & III gassy seams	Employment in Gassy seams (in '000)	Output from Gassy seams (in million tonnes)	No. of mines having Gassy seams to total No. of Mines having UG workings	Employment in Gassy seams to total UG Employment	Output from Gassy seams to total UG output
1	2	3	4	5	6	7
1971	151	95.6	24.92	26.44	41.88	42.57
1976	140	144.8	30.66	35.71	41.66	40.24
1981	163	125.6	29.66	48.95	42.55	38.92
1986	156	123.5	26.25	35.94	39.52	34.99
1991	160	120.5	25.81	36.87	38.14	36.50
1992	155	114.6	25.29	35.55	36.79	35.58
1993	142	107.8	24.05	32.95	34.99	32.65
1994	140	102.8	22.23	32.48	35.12	31.47
1995	150	100.3	21.92	34.40	38.40	31.99
1996	145	95.1	21.21	33.41	33.78	30.24
1997	145	95.9	20.53	33.33	34.39	29.72
1998	149	94.5	20.57	33.94	34.98	30.00
1999	145	92.9	20.88	32.87	36.06	30.65
2000	139	85.5	20.05	31.81	34.36	30.27
2001	133	80.3	18.16	32.20	33.53	28.32
2002	140	76.4	18.67	34.65	34.02	28.58
2003	132	73.2	18.00	33.50	32.44	28.29
2004	126	69.8	17.46	31.66	33.09	28.21
2005	135	72.3	20.06	33.75	35.24	31.30
2006	130	64.6	17.65	33.25	32.96	28.84
2007	124	59.9	14.79	32.20	31.81	23.74
2008	126	58.9	16.51	33.60	31.50	24.60
2009	123	51.9	13.07	32.97	27.93	19.55
2010	126	54.8	14.68	34.33	30.11	20.97
2011	112	51.00	13.62	30.27	28.63	19.74

STATEMENT NO. 2.2
CLASSIFICATION OF BELOWGROUND MINES BY DEGREE OF GASSY SEAMS DURING THE YEAR, 2011.

STATE/DISTRICT	NUMBER OF MINES HAVING GASSY SEAMS OF DEGREE							TOTAL
	I ONLY	II ONLY	III ONLY	I & II	I & III	II & III	I,II & III	
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Adilabad	18	--	--	--	--	--	--	18
Karimnagar	16	--	--	1	--	--	--	17
Khammam	7	--	--	--	--	--	--	7
Warangal	6	--	--	--	--	--	--	6
TOTAL : ANDHRA PRADESH	47	--	--	1	--	--	--	48
ASSAM								
Tinsukia	--	--	2	--	--	--	--	2
CHATTISGARH								
Bilaspur	2	--	--	--	--	--	--	2
Raigarh	4	--	--	--	--	--	--	4
Surguja	10	--	--	--	--	--	--	10
Korea	16	--	--	--	--	--	--	16
Korba	11	--	--	--	--	--	--	11
TOTAL : CHATTISGARH	43	--	--	--	--	--	--	43
JHARKHAND								
Dhanbad	53	13	6	--	--	1	--	73
Hazaribagh	4	10	--	--	--	--	--	14
Ranchi	1	--	--	--	--	--	--	1
Bokaro	4	3	--	2	--	1	1	11
Chatra	1	--	--	--	--	--	--	1
TOTAL : JHARKHAND	63	26	6	2	--	2	1	100
JAMMU & KASHMIR								
Rajouri	1	1	--	--	--	--	--	2
Udhampur	1	--	--	--	--	--	--	1
TOTAL : JAMMU & KASHMIR	2	1	--	--	--	--	--	3
MADHYA PRADESH								
Betul	1	8	--	--	--	--	--	9
Chhindwara	9	6	--	1	1	--	--	17
Shahdol	22	1	--	--	--	--	--	23
Umaria	8	--	--	--	--	--	--	8
Anuppur	1	--	--	--	--	--	--	1
TOTAL : MADHYA PRADESH	41	15	--	1	1	--	--	58

STATEMENT NO. 2.2 (CONTD.)

STATE/DISTRICT	NUMBER OF MINES HAVING GASSY SEAMS OF DEGREE							TOTAL
	I ONLY	II ONLY	III ONLY	I & II	I & III	II & III	I,II & III	
1	2	3	4	5	6	7	8	9
MAHARASHTRA								
Chandrapur	12	--	--	--	--	--	--	12
Nagpur	8	--	--	--	--	--	--	8
Yavatmal	1	1	--	--	--	--	--	2
TOTAL : MAHARASHTRA	21	1	--	--	--	--	--	22
ORISSA								
Angul	3	--	--	--	--	--	--	3
Jharsuguda	3	1	2	--	--	--	--	6
TOTAL : ORISSA	6	1	2	--	--	--	--	9
WEST BENGAL								
Bankura	--	--	--	--	--	1	--	1
Birbhum	1	--	--	--	--	--	--	1
Burdwan	25	48	4	3	--	1	--	81
Purulia	--	2	--	--	--	--	--	2
TOTAL : WEST BENGAL	26	50	4	3	--	2	--	85
ALL INDIA : HARD COAL	249	94	14	7	1	4	1	370

STATEMENT NO. 2.3
CLASSIFICATION OF BELOWGROUND MINES BY DEGREE OF GASSY SEAMS DURING THE YEAR, 2011 : OWNERWISE

OWNER	NUMBER OF MINES HAVING GASSY SEAMS OF DEGREE							TOTAL
	I ONLY	II ONLY	III ONLY	I & II	I & III	II & III	I,II & III	
1	2	3	4	5	6	7	8	9
BCCL	42	13	4	1	--	--	--	60
CCL	9	13	--	1	--	1	1	25
ECL	33	50	4	2	--	2	--	91
MCL	6	1	2	--	--	--	--	9
NEC	--	--	2	--	--	--	--	2
SECL	72	1	--	--	--	--	--	73
WCL	30	15	--	1	1	--	--	47
CIL	192	93	12	5	1	3	1	307
IISCO	--	--	2	1	--	--	--	3
J&K Min.	2	1	--	--	--	--	--	3
SCCL	47	--	--	1	--	--	--	48
TISCO	4	--	--	--	--	1	--	5
MIL	1	--	--	--	--	--	--	1
JNL	1	--	--	--	--	--	--	1
SISCL	1	--	--	--	--	--	--	1
ELCALTD	1	--	--	--	--	--	--	1
ALL INDIA	249	94	14	7	1	4	1	370

STATEMENT NO. 2.4
BELOWGROUND EMPLOYMENT AND OUTPUT IN COAL MINES BY DEGREE OF GASSY SEAMS DURING THE YEAR, 2011.

STATE/DISTRICT	DEGREE - I		DEGREE - II		DEGREE - III	
	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)
	1	2	3	4	5	6	7
ANDHRA PRADESH						
Adilabad	16626	4623700	--	--	--	--
Karimnagar	18733	14235889	200	90550	--	--
Khammam	3894	1467814	--	--	--	--
Warangal	4945	1220135	--	--	--	--
TOTAL : ANDHRA PRADESH	44198	21547538	200	90550	--	--
ASSAM						
Tinsukia	--	--	--	--	495	3660
CHATTISGARH						
Bilaspur	541	204162	--	--	--	--
Raigarh	2539	1437002	--	--	--	--
Surguja	4500	2971774	--	--	--	--
Korea	6621	4082102	--	--	--	--
Korba	4139	2081070	--	--	--	--
TOTAL : CHATTISGARH	18340	10776110	--	--	--	--
JHARKHAND						
Dhanbad	21301	7591359	6267	792711	3909	499442
Hazaribagh	1152	169957	3336	495882	--	--
Ranchi	288	53740	--	--	--	--
Bokaro	863	136864	1871	277309	507	79532
Chatra	395	61645	--	--	--	--
TOTAL : JHARKHAND	23999	8013565	11474	1565902	4416	578974
JAMMU & KASHMIR						
Rajauri	240	11505	162	6322	--	--
Udhampur	100	3086	--	--	--	--
TOTAL : JAMMU & KASHMIR	340	14591	162	6322	--	--
MADHYA PRADESH						
Betul	165	87676	3881	3108170	--	--
Chhindwara	2658	894813	1877	1167905	443	259250
Shahdol	11475	5366197	781	383100	--	--
Umaria	2971	1252585	--	--	--	--
Anuppur	636	291505	--	--	--	--
TOTAL : MADHYA PRADESH	17905	7892776	6539	4659175	443	259250
MAHARASHTRA						
Chandrapur	5075	1568161	--	--	--	--
Nagpur	3896	1645753	--	--	--	--

Yavatmal	352	221735	408	125832	--	--
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STATEMENT NO. 2.4 (CONTD.)

STATE/DISTRICT	DEGREE - I		DEGREE - II		DEGREE - III	
	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)
1	2	3	4	5	6	7
TOTAL : MAHARASHTRA	9323	3435649	408	125832	--	--
ORISSA						
Angul	1533	438762	--	--	--	--
Jharsuguda	1266	775334	586	304910	1020	1023096
TOTAL : ORISSA	2799	1214096	586	304910	1020	1023096
WEST BENGAL						
Bankura	--	--	240	60500	233	54537
Birbhum	6	--	--	--	--	--
Burdwan	10103	2513620	21799	4550704	1777	161528
Purulia	--	--	1171	178979	--	--
TOTAL : WEST BENGAL	10109	2513620	23210	4790183	2010	216065
ALL INDIA : HARD COAL	127013	55407945	42579	11542874	8384	2081045

STATEMENT NO. 2.5

BELOWGROUND EMPLOYMENT AND OUTPUT IN COAL MINES BY DEGREE OF GASSY SEAMS DURING THE YEAR, 2011 : OWNERWISE

OWNER	DEGREE - I		DEGREE - II		DEGREE - III	
	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)	EMPLOYMENT	OUTPUT (IN TONNES)
	1	2	3	4	5	6	7
BCCCL	14868	5988351	6114	656254	2518	247033
CCL	2413	345961	4808	724219	507	79532
ECL	12416	2896539	23124	4713968	2010	216065
MCL	2799	1214096	586	304910	1020	1023096
NEC	--	--	--	--	495	3660
SECL	31432	16529875	781	383100	--	--
WCL	11925	4300233	6166	4401907	443	259250
CIL	75853	31275055	41579	11184358	6993	1828636
IISCO	4	--	133	111764	721	152096
J&K Min.	340	14591	162	6322	--	--
SCCL	44198	21547538	200	90550	--	--
TISCO	4273	1259205	505	149880	670	100313
MIL	1447	921952	--	--	--	--
JNL	543	234570	--	--	--	--
SISCL	221	117905	--	--	--	--
ELCALTD	134	37129	--	--	--	--
ALL INDIA	127013	55407945	42579	11542874	8384	2081045

SECTION – III

EXPLOSIVES

STATEMENT NO. 3.1			
TREND IN CONSUMPTION OF EXPLOSIVES			
YEAR	PERMITTED EXPLOSIVES	NON PERMITTED EXPLOSIVES	(IN TONNES) GRAND TOTAL
1	2	3	4
1971	8865	3388	12253
1976	21670	6701	28371
1981	25886	20381	46267
1982	26111	26492	52603
1983	25947	28998	54945
1984	26342	37941	64283
1985	26489	41095	67584
1986	27140	49394	76534
1987	28203	65372	93575
1988	26823	67795	94618
1989	26937	86881	113818
1990	26731	87923	114654
1991	26182	98049	124231
1992	26146	114274	140420
1993	28670	126969	155639
1994	27398	129473	156871
1995	26343	163288	189631
1996	26320	181461	207781
1997	31731	201004	232735
1998	26471	220559	247030
1999	27217	240400	267617
2000	26755	263758	290513
2001	26254	266323	292577
2002	25737	289580	315317
2003	26912	282913	309825
2004	26651	307395	334046
2005	25678	271416	297094
2006	25060	320227	345287
2007	28843	323872	352715
2008	29251	366030	395281
2009	41522	419576	461098
2010	40073	453077	493150
2011	37217	466301	503518

STATEMENT NO. 3.2
EXPLOSIVES USED IN COAL MINES DURING THE YEAR, 2011.(IN KILOGRAM)

STATE/DISTRICT	NO.OF MINES USING	EXPLOSIVES USED (IN KILOGRAMS)			NO.OF DETONATORS USED
		PERMITTED	NON PERMITTED	TOTAL	
1	2	3	4	5	6
1. COAL					
ANDHRA PRADESH					
Adilabad	24	3395880	9642020	13037900	7026039
Karimnagar	22	2373999	45279753	47653752	6345148
Khammam	14	358770	16573438	16932208	985256
Warangal	7	910496	1811770	2722266	1902600
TOTAL : ANDHRA PRADESH	67	7039145	73306981	80346126	16259043
ARUNACHAL PRADESH					
Chaglong	1	--	24019	24019	35622
ASSAM					
Tinsukia	6	212080	429239	641319	54551
CHATTISGARH					
Bilaspur	2	135183	--	135183	302749
Raigarh	10	4846678	11029961	15876639	1892522
Surguja	14	1521506	3845962	5367468	2470956
Korea	16	2004832	168882	2173714	4300817
Korba	16	1064018	41556099	42620117	1913903
TOTAL : CHATTISGARH	58	9572217	56600904	66173121	10880947
JHARKHAND					
Deoghar	2	--	1201590	1201590	3800
Dhanbad	89	2759242	35109316	37868598	5256819
Giridih	2	--	867053	867053	14681
Godda	1	--	4246337	4246337	68123
Hazaribagh	33	302952	30684187	30987139	1747090
Palamau	3	--	60665	60665	5033
Ranchi	6	23683	4426222	4449905	577747
Sahebganj	1	--	57993	57993	5917
Bokaro	21	1001945	12622113	13624058	807540
Pakur	1	--	250914	250914	66002
Chatra	3	29919	10090181	10120100	71015
Latehar	1	--	117553	117553	2409
TOTAL : JHARKHAND	163	4117741	99734124	103851905	8626176

STATEMENT NO. 3.2 (CONTD.)

STATE/DISTRICT	NO.OF MINES USING	EXPLOSIVES USED (IN KILOGRAMS)			NO.OF DETONATORS USED
		PERMITTED	NON PERMITTED	TOTAL	
1	2	3	4	5	6
JAMMU & KASHMIR					
Rajauri	1	--	--	--	--
Udhampur	1	--	--	--	--
TOTAL : JAMMU & KASHMIR	2	--	--	--	--
MADHYA PRADESH					
Narsipur	1	--	406782	406782	74093
Betul	9	1047181	3178	1050359	3558289
Chhindwara	23	907456	3134942	4042398	2837162
Shahdol	30	2950228	15125210	18075438	6306004
Sidhi	4	--	49820946	49820946	72412
Umaria	9	545112	1890376	2435488	1177290
Anuppur	2	184359	863629	1047988	336505
Singrauli	1	--	7386878	7386878	1140
TOTAL : MADHYA PRADESH	79	5634336	78631941	84266277	14362895
MAHARASHTRA					
Chandrapur	29	625828	28154089	28779917	1747555
Nagpur	13	862291	3695415	4557706	1964999
Yavatmal	12	160000	12116581	12276581	7615766
TOTAL : MAHARASHTRA	54	1648119	43966085	45614204	11328320
ORISSA					
Angul	10	242316	17269129	17511445	1828976
Sundergarh	2	--	2632047	2632047	167592
Jharsuguda	11	4636985	17413945	22050930	2841844
TOTAL : ORISSA	23	4879301	37315121	42194422	4838412
UTTAR PRADESH					
Sonebhadra	5	--	52380883	52380883	52911
WEST BENGAL					
Bankura	2	48460	697127	745587	149572
Birbhum	1	--	245106	245106	10324
Burdwan	93	3977995	16996056	20974051	6748411
Purulia	2	60142	--	60142	175423

STATEMENT NO. 3.2
EXPLOSIVES USED IN COAL MINES DURING THE YEAR, 2011. (IN KILOGRAM)

STATE/DISTRICT	NO.OF MINES USING	EXPLOSIVES USED (IN KILOGRAMS)			NO.OF DETONATORS USED
		PERMITTED	NON PERMITTED	TOTAL	
1	2	3	4	5	6
TOTAL : WEST BENGAL	98	4086597	17938289	22024886	7083730
ALL INDIA : COAL	556	37189536	460327586	497517162	73522607
2. LIGNITE					
GUJARAT					
Bharuch	1	--	--	--	--
Bhavanagar	2	--	--	--	--
Kutch	2	27873	--	27873	2952
Surat	3	--	--	--	--
TOTAL : GUJARAT	8	27873	--	27873	2952
RAJASTHAN					
Bikaner	2	--	--	--	--
Nagaur	1	--	550	550	--
TOTAL : RAJASTHAN	3	--	550	550	--
TAMILNADU					
Cuddalore	2	--	5973157	5973157	50
ALL INDIA : LIGNITE	13	27873	5973707	6001580	3002
ALL INDIA: COAL & LIGNITE	569	37217409	466301293	503518742	73525609

STATEMENT NO. 3.3

EXPLOSIVES USED IN COAL MINES DURING THE YEAR, 2011.

OWNER	NO.OF MINES USING EXPLO- SIVES	EXPLOSIVES USED (IN KILOGRAMS)			NO.OF DETON- ATORS USED
		PERMITTED	NON PERMITTED	TOTAL	
1	2	3	4	5	6
BCCL	72	1989166	34422315	36411521	3762970
CCL	61	522775	41185694	41708469	2901455
ECL	107	4264269	14624188	18888457	7141055
MCL	23	4879301	37315121	42194422	4838412
NCL	10	--	109588707	109588707	126463
NEC	6	212080	429239	641319	54551
SECL	92	12644716	65232529	77877245	17257171
WCL	83	3541823	45652335	49194158	17600183
CIL	454	28054130	348450128	376504298	53682260
JSMDC	1	--	117553	117553	2409
DVC	1	--	135890	135890	110868
GMDC	5	27873	--	27873	2952
IISCO	4	85291	846143	931434	203745
J&K Min.	2	--	--	--	--
NLC	4	--	5973157	5973157	50
SCCL	67	7039145	73306981	80346126	16259043

STATEMENT NO. 3.3 (CONTD.)

OWNER	NO.OF MINES USING EXPLO- SIVES	EXPLOSIVES USED (IN KILOGRAMS)			NO.OF DETON- ATORS USED
		PERMITTED	NON PERMITTED	TOTAL	
1	2	3	4	5	6
TISCO	9	550567	17340191	17890758	1168962
PIL	1	--	2234959	2234959	1589
GIPCL	2	--	--	--	--
GHCL	1	--	--	--	--
JINDAL	3	--	6116332	6116332	280283
BENGALEMTA	2	--	3131091	3131091	146766
APMDTC	1	--	24019	24019	35622
BLAI	1	--	406782	406782	74093
ICML	1	--	4921307	4921307	159646
MIL	1	466171	--	466171	835201
RSMML	1	--	550	550	--
PCML	1	--	250914	250914	66002
JNL	1	141029	271759	412788	284365
RASL	2	--	1290232	1290232	44150
SISCL	1	60933	--	60933	118775
ELCALTD	1	792270	--	792270	13312
DVC EMTA	2	--	1483305	1483305	35516
ALL INDIA	569	37217409	466301293	503518742	73525609

SECTION – IV

MACHINERY

STATEMENT NO. 4.1
TREND IN USAGE OF MACHINERIES IN BELOWGROUND WORKINGS

Year	C o a l cutting Machine		Mechanical cutter/ Loader		Mechanical Loader		Drills		Rope-haulage		Locom- otives		Shuttle Car		Conveyors		Others		Total*	
	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P	No.	H.P
1993	202	12413	66	12091	474	30998	3869	5851	3084	166303	60	5799	4	128	1024	77134	125	3859	8908	314576
1994	196	12295	63	14231	533	33800	3775	5727	3079	162128	69	5063	-	-	1177	84643	72	3581	8964	321468
1995	154	9815	65	16295	596	37758	3841	5819	3246	170822	80	6326	-	-	1160	89774	71	2139	9213	338748
1996	146	9570	53	12941	621	39163	3585	5443	2999	158357	58	5071	-	-	1171	86486	88	3038	8721	320069
1997	130	8220	51	12501	703	43607	3737	5655	3228	170392	62	4738	-	-	1154	85400	137	3472	9202	333985
1998	100	6330	50	12685	758	48165	3947	6013	3205	170449	49	3712	-	-	1289	96038	82	3005	9480	346407
1999	75	4896	48	12932	792	50203	3844	5828	3072	163442	54	4516	-	-	1298	94802	72	3239	9255	339858
2000	69	4366	46	11929	816	51997	3850	5885	3089	170656	49	3828	-	-	1156	88510	109	4938	9184	342109
2001	34	2210	51	11976	807	51799	3541	5368	2828	160220	43	3260	-	-	1163	79921	139	6919	8606	321673
2002	29	1755	39	10845	880	55067	3243	4891	2691	148830	46	3119	-	-	1218	94828	152	7579	8298	326914
2003	25	1716	33	10303	930	59241	3346	5013	2706	150085	44	2399	2	320	1306	101716	143	9115	8535	339908
2004	15	1056	41	11382	964	62683	3624	5494	2680	154005	36	1367	3	300	1192	95602	108	5361	8663	337250
2005	10	700	35	14418	895	61278	3326	5021	2552	145971	20	1000	2	220	1196	90599	114	8310	8150	327517
2006	12	1355	72	14061	977	61523	3304	5118	2382	132474	37	1455	5	370	1392	110500	96	6459	8277	333315
2007	15	1365	49	11534	999	68914	3559	5450	2698	151038	29	1149	5	472	1286	106957	198	15978	8853	362857
2008	26	1590	27	8992	1091	69761	3563	5440	2605	149039	30	2730	8	1056	1462	130895	198	14573	9010	384036
2009	55	3692	44	9517	987	73290	3155	4953	2356	139978	26	1811	-	-	1287	118848	128	12189	8038	364278
2010	57	7028	35	8713	1028	72373	3269	5523	2247	128797	35	2509	15	1682	1340	119973	301	23608	8423	370206
2011	196	14413	116	7635	1012	70053	3221	6880	2281	136378	67	3631	7	1275	1504	146969	517	39826	8921	427060

• Excluding underground pumps and ventilators.

STATEMENT NO. 4.2
MACHINERIES USED IN BELOWGROUND WORKINGS IN COAL MINES DURING THE YEAR, 2011. : STATEWISE

STATE/DISTRICT	COAL CUTTING MACHINES			MECHANICAL LOADERS			MECH. CUTTER/LOADERS			ROPE HAULAGES			
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	
	1	2	3	4	5	6	7	8	9	10	11	12	13
ANDHRA PRADESH													
Adilabad	2	39	1758	6	29	1945	1	7	455	17	295	17347	
Karimnagar	2	58	6153	11	75	4942	1	3	1200	13	261	13796	
Khammam	--	--	--	3	8	639	1	10	904	5	98	5653	
Warangal	1	28	35	2	13	875	--	--	--	4	67	3960	
TOTAL:ANDHRA PRADESH	5	125	7946	22	125	8401	3	20	2559	39	721	40756	
ARUNACHAL PRADESH													
Chaglong	--	--	--	--	--	--	--	--	--	--	--	--	
ASSAM													
Tinsukia	--	--	--	--	--	--	--	--	--	1	3	200	
CHATTISGARH													
Bilaspur	--	--	--	1	4	225	--	--	--	2	5	298	
Raigarh	--	--	--	2	31	1730	--	--	--	3	7	330	
Surguja	--	--	--	10	58	3446	2	4	277	7	25	1257	
Korea	2	9	521	9	46	3002	2	23	1700	12	55	4575	
Korba	1	4	220	8	44	2021	1	17	338	9	44	2590	
TOTAL:CHATTISGARH	3	13	741	30	183	10424	5	44	2315	33	136	9050	
JHARKHAND													
Deoghar	--	--	--	--	--	--	--	--	--	--	--	--	
Dhanbad	4	20	2306	38	166	12003	4	14	402	56	336	20878	
Giridih	--	--	--	--	--	--	--	--	--	--	--	--	
Godda	--	--	--	--	--	--	--	--	--	--	--	--	
Hazaribagh	--	--	--	7	14	995	1	6	9	12	44	3345	
Palamau	--	--	--	--	--	--	--	--	--	--	--	--	
Ranchi	--	--	--	1	3	150	--	--	--	1	3	180	
Sahebganj	--	--	--	--	--	--	--	--	--	--	--	--	
Bokaro	--	--	--	2	6	370	--	--	--	8	29	2365	
Pakur	--	--	--	--	--	--	--	--	--	--	--	--	
Chatra	--	--	--	--	--	--	1	1	50	1	3	190	
Latehar	--	--	--	--	--	--	--	--	--	--	--	--	
TOTAL:JHARKHAND	4	20	2306	48	189	13518	6	21	461	78	415	26958	

STATEMENT NO. 4.2 (Contd.)

STATE/DISTRICT	CONVEYORS			DRILLS			SHUTTLE CARS			LOCOMOTIVES			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ANDHRA PRADESH															
Adilabad	6	19	1216	14	426	640	--	--	--	--	--	--	3	33	425
Karimnagar	10	188	35412	17	456	797	--	--	--	--	--	--	5	37	3784
Khammam	5	66	12128	5	81	125	--	--	--	--	--	--	2	4	160
Warangal	--	--	--	3	67	101	--	--	--	1	10	650	2	29	1350
TOTAL:ANDHRA PRADESH	21	273	48756	39	1030	1663	--	--	--	1	10	650	12	103	5719
ARUNACHAL PRADESH															
Chaglong	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ASSAM															
Tinsukia	--	--	--	1	4	6	--	--	--	--	--	--	1	2	40
CHATTISGARH															
Bilaspur	1	4	390	1	5	8	--	--	--	--	--	--	1	2	130
Raigarh	2	29	2366	4	73	558	--	--	--	--	--	--	2	24	1462
Surjua	6	51	4595	10	107	285	--	--	--	1	8	413	1	4	104
Korea	13	129	9612	15	154	517	1	2	142	3	5	158	8	48	8404
Korba	8	65	4890	9	54	85	--	--	--	--	--	--	3	28	4054
TOTAL:CHATTISGARH	30	278	21853	39	393	1453	1	2	142	4	13	571	15	106	14154
JHARKHAND															
Deoghar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dhanbad	16	256	15732	59	397	632	--	--	--	4	36	2005	13	108	4222
Giridih	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Godda	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hazaribagh	3	4	465	10	40	64	--	--	--	--	--	--	3	10	520
Palamu	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ranchi	1	6	450	1	4	6	--	--	--	--	--	--	--	--	--
Sahebganj	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bokaro	2	3	520	8	33	52	--	--	--	--	--	--	--	--	--
Pakur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chatra	1	20	1715	1	5	8	--	--	--	--	--	--	--	--	--
Latehar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:JHARKHAND	23	289	18882	79	479	762	--	--	--	4	36	2005	16	118	4742

STATEMENT NO. 4.2 (CONTD.)

STATE/DISTRICT	COAL CUTTING MACHINES			MECHANICAL LOADERS			MECH. CUTTER/LOADERS			ROPE HAULAGES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	1	2	3	4	5	6	7	8	9	10	11	12	13
JAMMU & KASHMIR												
Rajauri	--	--	--	--	--	--	--	--	--	1	1	60
Udhampur	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:JAMMU & KASHMIR	--	--	--	--	--	--	--	--	--	1	1	60
MADHYA PRADESH												
Narsigpur	--	--	--	--	--	--	--	--	--	--	--	--
Betul	1	13	650	7	77	5455	1	5	250	10	52	3085
Chhindwara	1	4	200	14	51	2915	1	1	58	16	89	4777
Shahdol	2	6	1130	19	98	7973	2	10	500	19	129	7244
Sidhi	--	--	--	--	--	--	--	--	--	--	--	--
Umaria	--	--	--	3	22	1320	--	--	--	7	43	2610
Anuppur	--	--	--	1	8	430	--	--	--	1	15	2250
Singrauli	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:MADHYA PRADESH	4	23	1980	44	256	18093	4	16	808	53	328	19966
MAHARASHTRA												
Chandrapur	--	--	--	6	20	1910	1	5	330	9	70	4167
Nagpur	--	--	--	5	24	1477	1	8	470	8	67	4302
Yavatmal	--	--	--	2	13	728	--	--	--	1	12	800
TOTAL:MAHARASHTRA	--	--	--	13	57	4115	2	13	800	18	149	9269
ORISSA												
Angul	--	--	--	2	27	2350	--	--	--	1	6	222
Sambalpur	--	--	--	--	--	--	--	--	--	--	--	--
Sundergarh	--	--	--	--	--	--	--	--	--	--	--	--
Jharsuguda	1	1	50	3	21	1146	--	--	--	6	52	3853
TOTAL:ORISSA	1	1	50	5	48	3496	--	--	--	7	58	4075
UTTAR PRADESH												
Sonebhadra	--	--	--	--	--	--	--	--	--	--	--	--

STATEMENT NO. 4.2 (Contd.)

STATE/DISTRICT	CONVEYORS			DRILLS			SHUTTLE CARS			LOCOMOTIVES			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU & KASHMIR															
Rajauri	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Udhampur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:JAMMU & KASHMIR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MADHYA PRADESH															
Narsigpur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Betul	8	86	6772	9	106	306	--	--	--	--	--	--	2	7	657
Chhindwara	9	68	6752	16	154	364	--	--	--	--	--	--	4	19	1413
Shahdol	18	174	14188	19	244	485	--	--	--	1	8	405	5	21	1924
Sidhi	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Umaria	6	43	2220	7	75	111	--	--	--	--	--	--	--	--	--
Anuppur	--	--	--	1	16	24	--	--	--	--	--	--	1	4	80
Singrauli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:MADHYA PRADESH	41	371	29932	52	595	1290	--	--	--	1	8	405	12	51	4074
MAHARASHTRA															
Chandrapur	5	27	2588	8	75	122	--	--	--	--	--	--	4	16	2060
Nagpur	8	70	4922	8	110	346	--	--	--	--	--	--	6	49	3085
Yavatmal	2	21	1954	2	25	35	--	--	--	--	--	--	1	3	60
TOTAL:MAHARASHTRA	15	118	9464	18	210	503	--	--	--	--	--	--	11	68	5205
ORISSA															
Angul	2	39	2350	2	28	42	--	--	--	--	--	--	1	2	40
Sambalpur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sundergarh	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jharsuguda	5	34	3171	6	41	348	--	--	--	--	--	--	2	24	1331
TOTAL:ORISSA	7	73	5521	8	69	390	--	--	--	--	--	--	3	26	1371
UTTAR PRADESH															
Sonebhadra	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

STATEMENT NO. 4.2 (CONTD.)

STATE/DISTRICT	COAL CUTTING MACHINES			MECHANICAL LOADERS			MECH. CUTTER/LOADERS			ROPE HAULAGES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL												
Bankura	1	2	100	1	6	900	--	--	--	1	7	315
Birbhum	--	--	--	--	--	--	--	--	--	--	--	--
Burdwan	5	12	1290	38	147	11041	1	2	692	72	449	24859
Purulia	--	--	--	1	1	65	--	--	--	2	14	870
TOTAL:WEST BENGAL	6	14	1390	40	154	12006	1	2	692	75	470	26044
GUJARAT												
Bharuch	--	--	--	--	--	--	--	--	--	--	--	--
Bhavanagar	--	--	--	--	--	--	--	--	--	--	--	--
Kutch	--	--	--	--	--	--	--	--	--	--	--	--
Surat	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:GUJARAT	--	--	--	--	--	--	--	--	--	--	--	--
RAJASTHAN												
Barmer	--	--	--	--	--	--	--	--	--	--	--	--
Bikaner	--	--	--	--	--	--	--	--	--	--	--	--
Nagaur	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:RAJASTHAN	--	--	--	--	--	--	--	--	--	--	--	--
TAMILNADU												
Cuddalore	--	--	--	--	--	--	--	--	--	--	--	--
ALL INDIA :	23	196	14413	202	1012	70053	21	116	7635	305	2281	136378

STATEMENT NO. 4.2 (Contd.)

STATE/DISTRICT	CONVEYORS			DRILLS			SHUTTLE CARS			LOCOMOTIVES			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USIG	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
WEST BENGAL															
Bankura	--	--	--	1	7	10	--	--	--	--	--	--	--	--	--
Birbhum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Burdwan	14	101	12491	75	421	783	2	5	1133	--	--	--	8	41	4391
Purulia	1	1	70	2	13	20	--	--	--	--	--	--	1	2	130
TOTAL:WEST BENGAL	15	102	12561	78	441	813	2	5	1133	--	--	--	9	43	4521
GUJARAT															
Bharuch	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bhavanagar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kutch	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Surat	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:GUJARAT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RAJASTHAN															
Barmer	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bikaner	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nagaur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:RAJASTHAN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAMILNADU															
Cuddalore	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ALL INDIA :	152	1504	146969	314	3221	6880	3	7	1275	10	67	3631	79	517	39826

STATEMENT NO. 4.3
MACHINERIES USED IN BELOWGROUND WORKINGS IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

OWNER	COAL CUTTING MACHINES			MECHANICAL LOADERS			MECH. CUTTER/LOADERS			ROPE HAULAGES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	1	2	3	4	5	6	7	8	9	10	11	12	13
BCCL	2	6	1251	36	153	10663	3	12	272	45	233	15615
CCL	--	--	--	9	19	1275	2	7	59	21	71	5405
ECL	7	18	2040	41	156	12136	2	4	822	80	505	27184
MCL	1	1	50	5	48	3496	--	--	--	7	58	4075
NCL	--	--	--	--	--	--	--	--	--	--	--	--
NEC	--	--	--	--	--	--	--	--	--	1	3	200
SECL	5	19	1871	51	280	18417	7	54	2815	59	322	21104
WCL	2	17	850	34	185	12485	4	19	1108	43	289	17056
CIL	17	61	6062	176	841	58472	18	96	5076	256	1481	90639
JSMDC	--	--	--	--	--	--	--	--	--	--	--	--
DVC	--	--	--	--	--	--	--	--	--	--	--	--
GMDC	--	--	--	--	--	--	--	--	--	--	--	--
IISCO	--	--	--	1	4	575	--	--	--	3	12	630
J&K Min.	--	--	--	--	--	--	--	--	--	1	1	60
NLC	--	--	--	--	--	--	--	--	--	--	--	--
SCCL	5	125	7946	22	125	8401	3	20	2559	39	721	40756
TISCO	1	10	405	1	11	875	--	--	--	4	64	4168
RSMDC	--	--	--	--	--	--	--	--	--	--	--	--
PIL	--	--	--	--	--	--	--	--	--	--	--	--
GIPCL	--	--	--	--	--	--	--	--	--	--	--	--
GHCL	--	--	--	--	--	--	--	--	--	--	--	--
JINDAL	--	--	--	--	--	--	--	--	--	--	--	--
BENGALEMATA	--	--	--	--	--	--	--	--	--	--	--	--
APMDTC	--	--	--	--	--	--	--	--	--	--	--	--
BLAI	--	--	--	--	--	--	--	--	--	--	--	--
ICML	--	--	--	--	--	--	--	--	--	--	--	--
INDAL	--	--	--	--	--	--	--	--	--	--	--	--
MIL	--	--	--	1	24	1380	--	--	--	1	1	50
CTL	--	--	--	--	--	--	--	--	--	--	--	--
RSMML	--	--	--	--	--	--	--	--	--	--	--	--
PCML	--	--	--	--	--	--	--	--	--	--	--	--
JNL	--	--	--	1	7	350	--	--	--	--	--	--
RASL	--	--	--	--	--	--	--	--	--	--	--	--
SISCL	--	--	--	--	--	--	--	--	--	1	1	75
ELCALTD	--	--	--	--	--	--	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--	--	--	--	--
WBMD&TCL	--	--	--	--	--	--	--	--	--	--	--	--
UML	--	--	--	--	--	--	--	--	--	--	--	--
DVC EMTA	--	--	--	--	--	--	--	--	--	--	--	--
BLMCL	--	--	--	--	--	--	--	--	--	--	--	--
ALL INDIA	23	196	14413	202	1012	70053	21	116	7635	305	2281	136378

STATEMENT NO. 4.3 (CONTD.)

OWNER	CONVEYORS			DRILLS			SHUTTLE CARS			LOCOMOTIVES			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BCCL	8	42	5800	46	259	426	--	--	--	3	9	705	10	35	1832
CCL	6	31	2670	19	75	115	--	--	--	--	--	--	3	10	520
ECL	16	105	12736	84	469	854	2	5	1133	--	--	--	9	43	4521
MCL	7	73	5521	8	69	390	--	--	--	--	--	--	3	26	1371
NCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NEC	--	--	--	1	4	6	--	--	--	--	--	--	1	2	40
SECL	52	466	35895	64	662	1526	1	2	142	5	21	976	19	107	14696
WCL	31	269	22628	42	464	1164	--	--	--	--	--	--	16	89	7025
CIL	120	986	85250	264	2002	4481	3	7	1275	8	30	1681	61	312	30005
JSMDC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DVC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMDC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IISCO	2	39	1848	3	41	65	--	--	--	--	--	--	1	14	330
J&K Min.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NLC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCCL	21	273	48756	39	1030	1663	--	--	--	1	10	650	12	103	5719
TISCO	5	172	7909	5	76	115	--	--	--	1	27	1300	2	59	2060
RSMDC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PIL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GIPCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GHCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JINDAL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BENGALEMTA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
APMDTC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BLAI	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ICML	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
INDAL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MIL	1	22	2071	1	60	538	--	--	--	--	--	--	1	17	1182
CTL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RSMML	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCML	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
JNL	1	7	295	1	6	9	--	--	--	--	--	--	1	7	280
RASL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SISCL	1	3	360	1	6	9	--	--	--	--	--	--	1	5	250
ELCALTD	1	2	480	--	--	--	--	--	--	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WBMD&TCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UML	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DVC EMTA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BLMCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ALL INDIA	152	1504	146969	314	3221	6880	3	7	1275	10	67	3631	79	517	39826

STATEMENT No. 4.4

TREND IN USAGE OF MACHINERIES IN OPENCAST WORKINGS

Machineries	2002		2003		2004		2005		2006		2007		2008		2009		2010		2011	
	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.										
1	6	7	8	9	10	11	12	13	14	15	16	17	16	17	16	17	16	17	16	17
Shovel	1159	439766	1136	445566	1135	479579	1073	452744	1088	448264	1188	511520	1247	548029	1320	557498	1499	567145	1576	656597
Drill	972	316917	1003	329921	978	332532	922	329023	861	303143	1023	397481	1018	349428	920	326280	980	322643	914	338198
Dragline	41	117963	39	108696	45	118809	34	91355	28	76853	33	77022	48	113359	40	99700	42	97924	46	105391
Dozer	1201	456563	1230	466530	1309	506301	1219	448133	1151	418210	1382	495484	1411	501190	1410	523998	1437	487252	1570	521331
Dumper	4721	2365904	4576	2535581	4516	2335655	4553	2487737	4391	2363973	4634	2506481	4994	2685842	5324	2827622	5455	2693218	6286	3141190
Scraper	2	665	2	665	1	330	-	-	1	147	4	1107	5	1410	3	960	6	1469	18	2749
Grader	218	49047	237	55172	282	47926	217	43290	237	50511	276	64320	276	58515	359	63527	388	67079	416	74295
Loader	120	30697	101	25631	91	22203	76	20245	78	22481	126	36253	156	36673	134	3425	142	28922	147	30939
Crane	328	43863	341	48441	359	50993	347	42491	249	34086	368	48659	399	52317	426	49472	431	46558	440	41616
Others	267	62859	252	79539	325	101222	226	120153	290	80591	413	111542	532	132206	418	105412	472	125650	504	97258
Total	9029	3864244	8917	4095742	9041	3995550	8667	4035171	8374	3798259	9447	4249869	10086	4478969	10354	4557894	10852	4437860	11917	5009564

STATEMENT NO. 4.5
MACHINERIES USED IN OPENCAST WORKINGS IN COAL MINES DURING THE YEAR, 2011.

STATE/DISTRICT	SHOVELS			DUMPERS			DRILLS			DOZERS			CRANES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES IN USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ANDHRA PRADESH															
Adilabad	6	16	4005	6	46	17480	6	7	2240	6	13	4160	2	8	1688
Karimnagar	5	61	35438	5	344	260806	5	48	17960	5	55	21940	3	21	1950
Khammam	7	62	27246	6	305	191950	6	36	14320	7	81	26602	5	41	3256
Warangal	2	8	3380	2	36	11760	1	2	540	2	5	920	--	--	--
TOTAL:ANDHRA PRADESH	20	147	70069	19	731	481996	18	93	35060	20	154	53622	10	70	6894
ARUNACHAL PRADESH															
Chaglong	1	20	1473	1	66	1354	--	--	--	1	7	374	--	--	--
ASSAM															
Tinsukia	3	33	9030	--	--	--	3	7	1464	3	14	4647	--	--	--
CHATTISGARH															
Bilaspur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Raigarh	7	53	16917	7	344	124544	4	17	4275	7	33	9580	--	--	--
Surguja	6	18	5913	5	67	23590	5	16	6120	4	57	19825	1	2	500
Korea	1	1	232	1	3	380	1	2	388	1	1	400	--	--	--
Korba	6	50	26453	6	219	103035	6	70	20924	6	103	26030	4	22	3434
TOTAL:CHATTISGARH	20	122	49515	19	633	251549	16	105	31707	18	194	55835	5	24	3934
JHARKHAND															
Deoghar	2	8	2420	2	29	11020	2	5	1900	2	8	2860	2	3	359
Dhanbad	39	206	68885	37	763	300263	36	137	40719	37	194	68117	9	18	2604
Giridih	2	5	1260	2	16	5600	2	5	2180	2	4	1365	--	--	--
Godda	1	10	20798	1	53	6750	1	6	1920	1	7	2870	--	--	--
Hazaribagh	19	60	19324	20	322	160564	18	56	16728	19	75	28558	6	15	1896
Palamau	3	11	2848	3	36	12530	3	5	1600	3	9	2770	--	--	--
Ranchi	5	19	5127	4	57	22395	4	16	5518	5	35	13810	2	3	480
Sahebganj	1	1	110	1	4	1520	1	1	200	1	1	400	--	--	--
Bokaro	14	46	15600	13	193	127372	14	35	10501	10	37	11908	3	6	875
Pakur	1	9	9000	1	47	47198	1	8	3340	1	16	7385	1	2	367
Chatra	2	12	4647	2	41	10802	1	5	880	2	23	6705	1	3	168
Latehar	1	2	660	1	9	2510	1	2	400	1	2	370	--	--	--
TOTAL:JHARKHAND	90	389	150679	87	1570	708524	84	281	85886	84	411	147118	24	50	6749

STATEMENT NO. 4.5(Contd.)

STATE/DISTRICT	SCRAPERS			DRAGLINES			LOADERS			GRADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ANDHRA PRADESH															
Adilabad	--	--	--	--	--	--	2	2	250	6	8	960	4	7	1065
Karimnagar	--	--	--	3	3	11500	3	6	1062	5	22	4165	1	18	11633
Khammam	--	--	--	--	--	--	4	28	4175	6	28	6445	4	117	21435
Warangal	--	--	--	--	--	--	--	--	--	2	4	545	1	1	125
TOTAL:ANDHRA PRADESH	--	--	--	3	3	11500	9	36	5487	19	62	12115	10	143	34258
ARUNACHAL PRADESH															
Chaglong	--	--	--	--	--	--	--	--	--	1	1	173	--	--	--
ASSAM															
Tinsukia	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CHATTISGARH															
Bilaspur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Raigarh	--	--	--	1	1	380	2	6	1522	6	15	2389	2	22	3005
Surguja	--	--	--	2	2	4540	3	3	537	2	2	480	1	1	320
Korea	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Korba	--	--	--	--	--	--	2	6	508	5	28	5118	2	41	13985
TOTAL:CHATTISGARH	--	--	--	3	3	4920	7	15	2567	13	45	7987	5	64	17310
JHARKHAND															
Deoghar	--	--	--	--	--	--	1	3	820	--	--	--	--	--	--
Dhanbad	--	--	--	3	3	7500	1	2	220	11	82	1955	5	14	3036
Giridih	--	--	--	--	--	--	--	--	--	1	1	270	1	2	852
Godda	--	--	--	--	--	--	--	--	--	1	2	420	--	--	--
Hazaribagh	--	--	--	1	4	1849	5	8	2761	14	20	4020	5	67	5978
Palamu	--	--	--	--	--	--	1	1	354	1	1	150	1	2	500
Ranchi	--	--	--	--	--	--	3	3	780	4	5	2997	2	4	1130
Sahebganj	--	--	--	--	--	--	1	1	110	--	--	--	--	--	--
Bokaro	--	--	--	--	--	--	3	6	1250	8	9	1907	5	11	2295
Pakur	--	--	--	--	--	--	1	1	222	--	--	--	--	--	--
Chatra	1	4	1065	1	3	219	--	--	--	2	8	2455	1	5	1730
Latehar	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:JHARKHAND	1	4	1065	5	10	9568	16	25	6517	42	128	14174	20	105	15521

STATEMENT NO. 4.5 (CONTD.)

STATE/DISTRICT	SHOVELS			DUMPERS			DRILLS			DOZERS			CRANES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JAMMU & KASHMIR															
Rajauri	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Udhampur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL: JAMMU & KASHMIR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MADHYA PRADESH															
Narsigpur	1	4	1064	1	29	9266	1	2	304	1	3	505	--	--	--
Betul	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chhindwara	2	3	1000	1	2	600	1	3	360	1	1	380	--	--	--
Shahdol	6	30	7577	4	83	19502	7	31	10273	6	36	9680	3	11	2534
Sidhi	4	55	37192	4	259	275032	3	39	18727	4	64	28190	3	25	4688
Umaria	1	2	600	1	4	1200	1	2	600	1	2	500	--	--	--
Anuppur	1	3	1200	1	15	7000	1	1	380	1	3	1050	--	--	--
Singrauli	1	1	976	1	8	8640	1	2	570	1	2	820	--	--	--
TOTAL: MADHYA PRADESH	16	98	49609	13	400	321240	15	80	31214	15	111	41125	6	36	7222
MAHARASHTRA															
Chandrapur	17	126	50856	16	380	215715	14	59	18984	13	102	33978	7	57	2200
Nagpur	5	32	10611	5	108	57392	4	23	8331	5	34	11343	1	5	898
Yavatmal	9	68	23239	10	689	111208	10	36	10510	10	58	19310	4	10	837
TOTAL: MAHARASHTRA	31	226	84706	31	1177	384315	28	118	37825	28	194	64631	12	72	3935
ORISSA															
Angul	8	63	23133	6	277	190783	7	54	19444	8	67	27020	7	25	3252
Sambalpur	1	6	2010	1	36	13291	1	1	480	1	5	3076	--	--	--
Sundergarh	2	9	2857	2	30	16801	2	8	2500	2	52	16065	1	5	460
Jharsuguda	4	32	11071	5	126	135579	5	29	38884	5	47	11813	2	10	1082
TOTAL: ORISSA	15	110	39071	14	469	356454	15	92	61308	16	171	57974	10	40	4794
UTTAR PRADESH															
Sonebhadra	5	60	37058	4	266	214966	5	54	25790	5	68	28074	2	15	2839

STATEMENT NO. 4.5(Contd.)

STATE/DISTRICT	SCRAPERS			DRAGLINES			LOADERS			GRADERS			OTHERS			
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<hr/>																
JAMMU & KASHMIR																
Rajauri	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Udhampur	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TOTAL: JAMMU & KASHMIR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
<hr/>																
MADHYA PRADESH																
Narsigpur	--	--	--	--	--	--	--	--	--	1	1	120	1	4	588	
Betul	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Chhindwara	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Shahdol	1	3	960	4	6	9889	1	3	360	3	5	1372	--	--	--	
Sidhi	--	--	--	2	5	20076	3	8	3327	4	20	5290	--	--	--	
Umaria	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Anuppur	--	--	--	--	--	--	--	--	--	--	--	1	1	1	400	
Singrauli	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TOTAL: MADHYA PRADESH	1	3	960	6	11	29965	4	11	3687	8	26	6782	2	5	988	
<hr/>																
MAHARASHTRA																
Chandrapur	--	--	--	2	2	6606	1	1	120	11	15	3491	4	30	8209	
Nagpur	--	--	--	1	2	4700	--	--	--	1	2	4300	1	9	860	
Yavatmal	2	2	565	--	--	--	--	--	--	5	10	1806	3	10	2053	
TOTAL: MAHARASHTRA	2	2	565	3	4	11306	1	1	120	17	27	9597	8	49	11122	
<hr/>																
ORISSA																
Angul	--	--	--	--	--	--	5	25	8199	6	16	4805	2	49	3990	
Sambalpur	--	--	--	--	--	--	1	7	1040	1	3	--	--	--	--	
Sundergarh	--	--	--	--	--	--	2	3	479	2	4	1055	--	--	--	
Jharsuguda	--	--	--	3	4	6352	2	3	366	2	3	741	1	1	140	
TOTAL: ORISSA	--	--	--	--	3	4	6352	10	38	10084	11	26	6601	3	50	4130
<hr/>																
UTTAR PRADESH																
Sonebhadra	--	--	--	3	10	26580	--	--	--	3	17	4065	--	--	--	

STATEMENT NO. 4.5 (CONTD.)

STATE/DISTRICT	SHOVELS			DUMPERS			DRILLS			DOZERS			CRANES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
WEST BENGAL															
Bankura	2	7	5556	2	24	24342	1	4	1180	2	5	2090	1	1	825
Birbhum	1	3	2860	1	15	8400	--	--	--	1	3	780	--	--	--
Burdwan	19	102	43363	19	352	181204	18	57	19859	18	64	19376	4	12	2052
Purulia	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:WEST BENGAL	22	112	51779	22	391	213946	19	61	21039	21	72	22246	5	13	2877
GUJARAT															
Bharuch	2	36	9140	1	1	380	1	1	220	2	4	694	--	--	--
Bhavanagar	2	32	16644	2	92	38088	--	--	--	2	9	1689	--	--	--
Kutch	2	27	4687	2	58	17945	1	5	1720	2	11	2845	1	1	180
Surat	3	69	20460	3	213	82443	1	2	660	3	23	4450	--	--	--
TOTAL:GUJARAT	9	164	50931	8	364	138856	3	8	2600	9	47	9678	1	1	180
RAJASTHAN															
Barmer	2	54	8729	1	70	18290	--	--	--	2	15	1719	--	--	--
Bikaner	2	18	5808	2	90	29240	--	--	--	2	10	2260	--	--	--
Nagaur	1	3	1040	1	13	4160	--	--	--	1	4	1420	--	--	--
TOTAL:RAJASTHAN	5	75	15577	4	173	51690	--	--	--	5	29	5399	--	--	--
TAMILNADU															
Cuddalore	1	20	47100	2	46	16300	2	15	4305	2	98	30608	2	119	2192
ALL INDIA :	238	1576	656597	224	6286	3141190	208	914	338198	227	1570	521331	77	440	41616

STATEMENT NO. 4.5(Contd.)

STATE/DISTRICT	SCRAPERS			DRAGLINES			LOADERS			GRADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<hr/>															
WEST BENGAL															
Bankura	--	--	--	--	--	--	--	--	--	1	1	203	1	4	870
Birbhum	--	--	--	--	--	--	--	--	--	1	4	409	--	--	--
Burdwan	--	--	--	1	1	5200	5	8	1380	5	10	1871	4	19	4122
Purulia	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL:WEST BENGAL	--	--	--	1	1	5200	5	8	1380	7	15	2483	5	23	4992
<hr/>															
GUJARAT															
Bharuch	--	--	--	--	--	--	--	--	--	2	6	861	--	--	--
Bhavanagar	--	--	--	--	--	--	1	1	76	2	5	730	2	3	725
Kutch	--	--	--	--	--	--	1	2	185	1	5	1060	--	--	--
Surat	--	--	--	--	--	--	--	--	--	3	12	1895	2	14	2068
TOTAL:GUJARAT	--	--	--	--	--	--	2	3	261	8	28	4546	4	17	2793
<hr/>															
RAJASTHAN															
Barmer	1	3	159	--	--	--	--	--	--	2	25	3082	1	7	985
Bikaner	--	--	--	--	--	--	2	2	224	2	8	1172	2	7	1075
Nagaur	--	--	--	--	--	--	--	--	--	1	1	210	--	--	--
TOTAL:RAJASTHAN	1	3	159	--	--	--	2	2	224	5	34	4464	3	14	2060
<hr/>															
TAMILNADU															
Cuddalore	1	6	--	--	--	--	2	8	612	2	7	1308	1	34	4084
ALL INDIA :	6	18	2749	27	46	105391	58	147	30939	136	416	74295	61	504	97258

STATEMENT NO. 4.6
MACHINERIES USED IN OPENCAST WORKINGS IN COAL MINES DURING THE YEAR, 2011 : OWNERWISE

OWNER	SHOVELS			DUMPERS			DRILLS			DOZERS			CRANES		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BCCL	36	188	62495	35	699	278830	32	129	38622	33	183	63859	9	18	2604
CCL	39	134	43268	38	577	306819	36	109	33017	36	172	60691	12	27	3419
ECL	23	92	49556	22	330	124856	23	58	19283	23	76	25629	5	13	1833
MCL	14	104	37061	13	433	343163	14	91	60828	15	166	54898	10	40	4794
NCL	10	116	75226	9	533	498638	9	95	45087	10	134	57084	5	40	7527
NEC	3	33	9030	--	--	--	3	7	1464	3	14	4647	--	--	--
SECL	22	116	47959	19	465	191527	21	124	39925	20	208	59285	8	35	6468
WCL	31	211	69158	30	1119	318075	27	117	36505	27	175	56783	12	72	3935
CIL	178	994	393753	166	4156	2061908	165	730	274731	167	1128	382876	61	245	30580
JSMDC	1	2	660	1	9	2510	1	2	400	1	2	370	--	--	--
DVC	1	3	640	1	7	2604	1	2	600	1	2	900	--	--	--
GMDC	6	116	37375	5	205	80176	3	8	2600	6	29	6433	1	1	180
IISCO	2	22	6990	2	86	32050	2	11	4188	2	8	2980	--	--	--
J&K Min.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NLC	3	38	52908	4	136	45540	2	15	4305	4	108	32868	2	119	2192
SCCL	20	147	70069	19	731	481996	18	93	35060	20	154	53622	10	70	6894
TISCO	3	6	2300	3	33	13080	3	6	2060	3	6	2675	--	--	--
RSMDC	1	21	5469	1	70	18290	--	--	--	1	5	875	--	--	--
PIL	1	3	750	1	4	1200	1	2	760	1	3	900	--	--	--
GIPCL	2	42	12116	2	144	54105	--	--	--	2	15	2815	--	--	--
GHCL	1	6	1440	1	15	4575	--	--	--	1	3	430	--	--	--
JINDAL	3	33	8528	3	244	77924	2	12	2040	3	21	5997	--	--	--
BENGALEMTA	2	19	16320	2	69	59621	1	7	2075	1	3	780	1	2	578
APMDTC	1	20	1473	1	66	1354	--	--	--	1	7	374	--	--	--
BLAI	1	4	1064	1	29	9266	1	2	304	1	3	505	--	--	--
ICML	1	11	3488	1	52	20800	1	4	1260	1	7	1155	--	--	--
INDAL	1	6	2010	1	36	13291	1	1	480	1	5	3076	--	--	--
MIL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CTL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RSMM	1	3	1040	1	13	4160	--	--	--	1	4	1420	--	--	--
PCML	1	9	9000	1	47	47198	1	8	3340	1	16	7385	1	2	367
JNL	1	3	1035	1	10	3800	1	1	235	1	2	700	--	--	--
RASL	2	10	8652	2	42	38220	1	2	840	2	11	4272	--	--	--
SISCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELCALTD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WBMD&TCL	1	2	760	1	2	760	--	--	--	1	1	400	--	--	--
UML	1	8	2185	1	28	9760	1	2	900	1	3	850	--	--	--
DVC EMTA	2	15	13312	2	52	57002	2	6	2020	2	14	5829	1	1	825
BLMCL	1	33	3260	--	--	--	--	--	--	1	10	844	--	--	--
ALL INDIA	238	1576	656597	224	6286	3141190	208	914	338198	227	1570	521331	77	440	41616

STATEMENT NO. 4.6(Contd.)

OWNER	SCRAPERS			DRAGLINES			LOADERS			GRADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BCCL	--	--	--	3	3	7500	2	4	675	11	81	1985	4	12	2701
CCL	1	4	1065	2	7	2068	11	17	4791	28	42	11199	13	29	8252
ECL	--	--	--	1	1	5200	4	6	1265	4	9	1860	3	9	2322
MCL	--	--	--	3	4	6352	9	31	9044	10	23	6601	3	50	4130
NCL	--	--	--	5	15	46656	3	8	3327	7	37	9355	--	--	--
NEC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SECL	1	3	960	6	8	14429	6	12	1405	12	39	7300	4	43	14705
WCL	2	2	565	3	4	11306	1	1	120	15	22	8387	7	30	5858
CIL	4	9	2590	23	42	93511	36	79	20627	87	253	46687	34	173	37968
JSMDC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DVC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMDC	--	--	--	--	--	--	2	3	261	5	20	3416	1	2	600
IISCO	--	--	--	--	--	--	1	3	480	1	2	290	1	2	335
J&K Min.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NLC	1	6	--	--	--	--	4	10	836	4	15	2480	3	41	5159
SCCL	--	--	--	3	3	11500	9	36	5487	19	62	12115	10	143	34258
TISCO	--	--	--	--	--	--	--	--	--	1	1	280	2	62	4233
RSMDC	1	3	159	--	--	--	--	--	--	1	6	1590	--	--	--
PIL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GIPCL	--	--	--	--	--	--	--	--	2	7	940	2	14	2068	
GHCL	--	--	--	--	--	--	--	--	1	1	190	1	1	125	
JINDAL	--	--	--	--	--	--	2	6	1522	2	9	1620	2	22	3005
BENGALEMTA	--	--	--	--	--	--	1	1	110	2	5	555	1	10	1800
APMDTC	--	--	--	--	--	--	--	--	1	1	173	--	--	--	
BLAI	--	--	--	--	--	--	--	--	1	1	120	1	4	588	
ICML	--	--	--	--	--	--	--	--	1	2	285	--	--	--	
INDAL	--	--	--	--	--	--	1	7	1040	1	3	--	--	--	--
MIL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CTL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RSMML	--	--	--	--	--	--	--	--	1	1	210	--	--	--	--
PCML	--	--	--	--	--	--	1	1	222	--	--	--	--	--	--
JNL	--	--	--	1	1	380	--	--	--	1	1	320	--	--	--
RASL	--	--	--	--	--	--	--	--	2	3	554	--	--	--	--
SISCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ELCALTD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WBMD&TCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UML	--	--	--	--	--	--	1	1	354	--	--	--	--	--	--
DVC EMTA	--	--	--	--	--	--	--	--	2	4	978	2	23	6134	
BLMCL	--	--	--	--	--	--	--	--	1	19	1492	1	7	985	
ALL INDIA	6	18	2749	27	46	105391	58	147	30939	136	416	74295	61	504	97258

STATEMENT NO. 4.8
MACHINERIES USED IN ABOVEGROUND WORKINGS IN COAL MINES DURING THE YEAR, 2011 -- OWNERWISE.

OWNER	HAULAGE			DUMPERS			CONVEYORS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	1	2	3	4	5	6	7	8	9	10
BCCL	22	47	4245	24	84	15338	10	34	1702
CCL	17	33	3733	5	23	8953	8	27	1915
ECL	42	67	6702	43	93	10017	25	61	6600
MCL	7	9	876	6	35	15842	10	61	6066
NCL	1	2	300	--	--	--	5	51	11713
NEC	1	3	320	1	2	70	1	1	30
SECL	61	119	7745	6	97	104041	57	272	36562
WCL	44	64	6955	8	41	13307	42	106	10709
CIL	195	344	30876	93	375	167568	158	613	75297
JSMDC	--	--	--	--	--	--	--	--	--
DVC	--	--	--	--	--	--	--	--	--
GMDC	--	--	--	--	--	--	--	--	--
IISCO	1	9	90	1	4	40	2	26	1537
J&K Min.	2	3	740	--	--	--	--	--	--
NLC	--	--	--	--	--	--	1	4	2235
SCCL	44	66	8298	2	6	760	34	122	15023
TISCO	1	13	1345	1	2	1300	3	30	2290
RSMDC	--	--	--	--	--	--	--	--	--
PIL	--	--	--	--	--	--	--	--	--
GIPCL	--	--	--	--	--	--	--	--	--
GHCL	--	--	--	1	3	375	1	1	180
JINDAL	--	--	--	--	--	--	--	--	--
BENGALEMATA	--	--	--	--	--	--	--	--	--
APMDTC	--	--	--	--	--	--	--	--	--
BLAI	--	--	--	--	--	--	--	--	--
ICML	--	--	--	1	14	1680	--	--	--
INDAL	--	--	--	--	--	--	--	--	--
MIL	1	2	200	--	--	--	1	4	404
CTL	--	--	--	--	--	--	--	--	--
RSMML	--	--	--	--	--	--	--	--	--
PCMCL	--	--	--	--	--	--	--	--	--
JNL	1	1	75	--	--	--	1	1	40
RASL	--	--	--	1	12	4800	--	--	--
SISCL	1	1	50	--	--	--	1	1	50
ELCALTD	--	--	--	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--	--
WBMD&TCL	--	--	--	--	--	--	--	--	--
UML	--	--	--	--	--	--	--	--	--
DVC EMTA	--	--	--	--	--	--	--	--	--
BLMCL	--	--	--	--	--	--	--	--	--
ALL INDIA	246	439	41674	100	416	176523	202	802	97056

STATEMENT NO. 4.8(Contd.)

OWNER	LOCOMOTIVES			LOADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	11	12	13	14	15	16	17	18	19
BCLL	1	1	20	1	110	--	--	--	--
CCL	2	2	190	--	--	1	6	330	
ECL	2	2	200	--	--	1	1	235	
MCL	--	--	--	--	--	5	47	10370	
NCL	--	--	--	--	--	--	--	--	
NEC	1	3	215	--	--	--	--	--	
SECL	2	2	441	1	6	744	4	32	7593
WCL	--	--	--	--	--	1	5	424	
CIL	8	10	1066	2	7	854	12	91	18952
JSMDC	--	--	--	--	--	--	--	--	
DVC	--	--	--	--	--	--	--	--	
GMDC	--	--	--	--	--	--	--	--	
IISCO	--	--	--	--	--	1	2	8	
J&K Min.	--	--	--	--	--	--	--	--	
NLC	--	--	--	--	--	--	--	--	
SCCL	--	--	--	--	--	3	11	1410	
TISCO	--	--	--	--	--	2	51	10240	
RSMDC	--	--	--	--	--	--	--	--	
PIL	--	--	--	--	--	--	--	--	
GIPCL	--	--	--	--	--	--	--	--	
GHCL	--	--	--	--	--	--	--	--	
JINDAL	--	--	--	--	--	--	--	--	
BENGALEMATA	--	--	--	--	--	--	--	--	
APMDTC	--	--	--	--	--	--	--	--	
BLAI	--	--	--	--	--	--	--	--	
ICML	--	--	--	--	--	--	--	--	
INDAL	--	--	--	--	--	1	44	1936	
MIL	--	--	--	--	--	--	--	--	
CTL	--	--	--	--	--	--	--	--	
RSMML	--	--	--	--	--	--	--	--	
PCMCL	--	--	--	--	--	--	--	--	
JNL	--	--	--	--	--	--	--	--	
RASL	--	--	--	--	--	--	--	--	
SISCL	--	--	--	--	--	--	--	--	
ELCALTD	--	--	--	--	--	--	--	--	
VSLPPL	--	--	--	--	--	--	--	--	
WBMD&TCL	--	--	--	--	--	--	--	--	
UML	--	--	--	--	--	--	--	--	
DVC EMTA	--	--	--	--	--	--	--	--	
BLMCL	--	--	--	--	--	--	--	--	
ALL INDIA	8	10	1066	2	7	854	19	199	32546

STATEMENT NO. 4.7
MACHINERIES USED IN ABOVEGROUND WORKINGS IN COAL MINES DURING THE YEAR, 2011.

STAT/DISTRICT	HAULAGE			DUMOERS			CONVEYORS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
	1	2	3	4	5	6	7	8	9
1. COAL									
ANDHRA PRADESH									
Adilabad	18	27	3837	2	6	760	13	28	2706
Karimnagar	13	18	2107	--	--	--	11	57	6487
Khammam	7	10	880	--	--	--	7	34	5710
Warangal	6	11	1474	--	--	--	3	3	120
TOTAL : ANDHRA PRADESH	44	66	8298	2	6	760	34	122	15023
ARUNACHAL PRADESH									
Chaglong	--	--	--	--	--	--	--	--	--
ASSAM									
Tinsukia	1	3	320	1	2	70	1	1	30
CHATTISGARH									
Bilaspur	2	2	175	--	--	--	2	2	300
Raigarh	4	5	509	2	27	8550	2	5	444
Surguja	10	12	764	1	1	105	9	27	2256
Korea	12	23	1676	--	--	--	12	92	6086
Korba	8	9	641	2	74	99979	10	83	19034
TOTAL : CHATTISGARH	36	51	3765	5	102	108634	35	209	28120
JHARKHAND									
Deoghar	1	1	380	--	--	--	2	2	760
Dhanbad	25	67	5940	24	87	15373	13	88	5387
Giridih	--	--	--	--	--	--	--	--	--
Godda	--	--	--	--	--	--	--	--	--
Hazaribagh	11	22	2253	4	16	7178	5	23	1450
Palamau	--	--	--	--	--	--	--	--	--
Ranchi	--	--	--	--	--	--	1	1	30
Sahebganj	--	--	--	1	4	345	--	--	--
Bokaro	6	16	1890	2	9	3073	2	3	435
Pakur	--	--	--	--	--	--	--	--	--
Chatra	1	1	70	1	1	35	1	1	100
Latehar	--	--	--	--	--	--	--	--	--
TOTAL : JHARKHAND	44	107	10533	32	117	26004	24	118	8162
JAMMU & KASHMIR									
Rajauri	2	3	740	--	--	--	--	--	--
Udhampur	--	--	--	--	--	--	--	--	--

STATEMENT NO. 4.7(Contd.)

STAT/DISTRICT	LOCOMOTIVES			LOADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	11	12	13	14	15	16	17	18	19
1. COAL									
ANDHRA PRADESH									
Adilabad	--	--	--	--	--	--	1	2	690
Karimnagar	--	--	--	--	--	--	2	9	720
Khammam	--	--	--	--	--	--	--	--	--
Warangal	--	--	--	--	--	--	--	--	--
TOTAL : ANDHRA PRADESH	--	--	--	--	--	--	3	11	1410
ARUNACHAL PRADESH									
Chaglong	--	--	--	--	--	--	--	--	--
ASSAM									
Tinsukia	1	3	215	--	--	--	--	--	--
CHATTISGARH									
Bilaspur	--	--	--	--	--	--	--	--	--
Raigarh	--	--	--	1	6	744	--	--	--
Surguja	--	--	--	--	--	--	1	12	6831
Korea	--	--	--	--	--	--	1	2	40
Korba	1	1	201	--	--	--	1	3	285
TOTAL : CHATTISGARH	1	1	201	1	6	744	3	17	7156
JHARKHAND									
Deoghar	--	--	--	--	--	--	--	--	--
Dhanbad	1	1	20	1	1	110	2	3	243
Giridih	--	--	--	--	--	--	--	--	--
Godda	--	--	--	--	--	--	--	--	--
Hazaribagh	2	2	190	--	--	--	3	57	10570
Palamu	--	--	--	--	--	--	--	--	--
Ranchi	--	--	--	--	--	--	--	--	--
Sahebganj	--	--	--	--	--	--	--	--	--
Bokaro	--	--	--	--	--	--	--	--	--
Pakur	--	--	--	--	--	--	--	--	--
Chatra	--	--	--	--	--	--	--	--	--
Latehar	--	--	--	--	--	--	--	--	--
TOTAL : JHARKHAND	3	3	210	1	1	110	5	60	10813
JAMMU & KASHMIR									
Rajauri	--	--	--	--	--	--	--	--	--
Udhampur	--	--	--	--	--	--	--	--	--
TOTAL : JAMMU & KASHMIR	--	--	--	--	--	--	--	--	--

STATEMENT NO. 4.7 (CONTD.)

STAT/DISTRICT	HAULAGE			DUMOERS			CONVEYORS			
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	
1	2	3	4	5	6	7	8	9	10	
TOTAL : JAMMU & KASHMIR	2	3	740	--	--	--	--	--	--	
MADHYA PRADESH										
Narsigpur	--	--	--	--	--	--	--	--	--	
Betul	9	9	831	--	--	--	9	16	1265	
Chhindwara	16	31	2714	1	1	32	12	19	2090	
Shahdol	20	44	2525	2	7	207	20	63	8446	
Sidhi	1	2	300	--	--	--	3	20	4381	
Umaria	7	27	1730	--	--	--	3	4	340	
Anuppur	--	--	--	--	--	--	1	1	100	
Singrauli	--	--	--	--	--	--	--	--	--	
TOTAL : MADHYA PRADESH	53	113	8100	3	8	239	48	123	16622	
MAHARASHTRA										
Chandrapur	11	15	1640	5	32	11700	12	51	5049	
Nagpur	9	10	1820	1	3	525	9	20	2280	
Yavatmal	--	--	--	1	5	1050	1	1	75	
TOTAL : MAHARASHTRA	20	25	3460	7	40	13275	22	72	7404	
ORISSA										
Angul	1	1	100	--	--	--	5	54	5285	
Sambalpur	--	--	--	--	--	--	--	--	--	
Sundergarh	--	--	--	2	26	14735	1	2	150	
Jharsuguda	6	8	776	4	9	1107	4	5	631	
TOTAL : ORISSA		7	9	876	6	35	15842	10	61	6066
UTTAR PRADESH										
Sonebhadra	--	--	--	--	--	--	2	31	7332	
WEST BENGAL										
Bankura	1	1	100	1	2	238	--	--	--	
Birbhum	--	--	--	--	--	--	--	--	--	
Burdwan	38	61	5482	42	101	11086	24	60	5882	
Purulia	--	--	--	--	--	--	--	--	--	
TOTAL : WEST BENGAL	39	62	5582	43	103	11324	24	60	5882	
ALL INDIA : COAL	246	439	41674	99	413	176148	200	797	94641	

STATEMENT NO. 4.7 (Contd.)

STAT/DISTRICT	LOCOMOTIVES			LOADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	11	12	13	14	15	16	17	18	19
MADHYA PRADESH									
Narsigpur	--	--	--	--	--	--	--	--	--
Betul	--	--	--	--	--	--	--	--	--
Chhindwara	--	--	--	--	--	--	--	--	--
Shahdol	1	1	240	--	--	--	1	15	437
Sidhi	--	--	--	--	--	--	--	--	--
Umaria	--	--	--	--	--	--	--	--	--
Anuppur	--	--	--	--	--	--	--	--	--
Singrauli	--	--	--	--	--	--	--	--	--
TOTAL : MADHYA PRADESH	1	1	240	--	--	--	1	15	437
MAHARASHTRA									
Chandrapur	--	--	--	--	--	--	1	5	424
Nagpur	--	--	--	--	--	--	--	--	--
Yavatmal	--	--	--	--	--	--	--	--	--
TOTAL : MAHARASHTRA	--	--	--	--	--	--	1	5	424
ORISSA									
Angul	--	--	--	--	--	--	3	31	4286
Sambalpur	--	--	--	--	--	--	1	44	1936
Sundergarh	--	--	--	--	--	--	--	--	--
Jharsuguda	--	--	--	--	--	--	2	16	6084
TOTAL : ORISSA	--	--	--	--	--	--	6	91	12306
UTTAR PRADESH									
Sonebhadra	--	--	--	--	--	--	--	--	--
WEST BENGAL									
Bankura	--	--	--	--	--	--	--	--	--
Birbhum	--	--	--	--	--	--	--	--	--
Burdwan	2	2	200	--	--	--	--	--	--
Purulia	--	--	--	--	--	--	--	--	--
TOTAL : WEST BENGAL	2	2	200	--	--	--	--	--	--
ALL INDIA : COAL	8	10	1066	2	7	854	19	199	32546

STATEMENT NO. 4.7 (CONTD.)

STAT/DISTRICT	HAULAGE			DUMOERS			CONVEYORS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	2	3	4	5	6	7	8	9	10
2. LIGNITE									
GUJARAT									
Bharuch	--	--	--	--	--	--	--	--	--
Bhavanagar	--	--	--	1	3	375	1	1	180
Kutch	--	--	--	--	--	--	--	--	--
Surat	--	--	--	--	--	--	--	--	--
TOTAL : GUJARAT	--	--	--	1	3	375	1	1	180
RAJASTHAN									
Barmer	--	--	--	--	--	--	--	--	--
Bikaner	--	--	--	--	--	--	--	--	--
Nagaur	--	--	--	--	--	--	--	--	--
TOTAL : RAJASTHAN	--	--	--	--	--	--	--	--	--
TAMILNADU									
Cuddalore	--	--	--	--	--	--	1	4	2235
ALL INDIA : LIGNITE	--	--	--	1	3	375	2	5	2415
ALL INDIA: COAL & LIGNITE	246	439	41674	100	416	176523	202	802	97056

STATEMENT NO. 4.7 (Contd.)

STAT/DISTRICT	LOCOMOTIVES			LOADERS			OTHERS		
	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.	NO.OF MINES USING	NUMBER IN USE	TOTAL H.P.
1	11	12	13	14	15	16	17	18	19
2. LIGNITE									
GUJARAT									
Bharuch	--	--	--	--	--	--	--	--	--
Bhavanagar	--	--	--	--	--	--	--	--	--
Kutch	--	--	--	--	--	--	--	--	--
Surat	--	--	--	--	--	--	--	--	--
TOTAL : GUJARAT	--	--	--	--	--	--	--	--	--
RAJASTHAN									
Barmer	--	--	--	--	--	--	--	--	--
Bikaner	--	--	--	--	--	--	--	--	--
Nagaur	--	--	--	--	--	--	--	--	--
TOTAL : RAJASTHAN	--	--	--	--	--	--	--	--	--
TAMILNADU									
Cuddalore	--	--	--	--	--	--	--	--	--
ALL INDIA : LIGNITE	--	--	--	--	--	--	--	--	--
ALL INDIA: COAL & LIGNITE	8	10	1066	2	7	854	19	199	32546

STATEMENT NO. 4.9
VENTILATORS, WINDING ENGINES, PUMPS, C.H.P. & WORKSHOP MACHINERIES USED DURING THE YEAR, 2011.

STATE/DISTRICT	VENTILATOR				WINDING ENGINES			
	MAIN		BELOWGROUND		ELECTRICAL		STEAM	
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9
1. COAL								
ANDHRA PRADESH								
Adilabad	31	7015	27	900	--	--	--	--
Karimnagar	33	7860	42	2340	1	350	--	--
Khammam	20	3836	--	--	4	1447	--	--
Warangal	18	2530	20	400	12	504	--	--
TOTAL : ANDHRA PRADESH	102	21241	89	3640	17	2301	--	--
ARUNACHAL PRADESH								
Chaglong	--	--	--	--	--	--	--	--
ASSAM								
Tinsukia	2	55	1	20	--	--	--	--
CHATTISGARH								
Bilaspur	2	1201	--	--	--	--	--	--
Raigarh	5	780	--	--	--	--	--	--
Surguja	13	2398	--	--	--	--	--	--
Korea	20	3248	4	113	--	--	2	800
Korba	12	2564	2	40	1	335	--	--
TOTAL : CHATTISGARH	52	10191	6	153	1	335	2	800
JHARKHAND								
Deoghar	--	--	--	--	--	--	--	--
Dhanbad	121	20986	76	1899	58	24990	14	1187
Giridih	--	--	--	--	--	--	--	--
Godda	--	--	--	--	--	--	--	--
Hazaribagh	29	2958	7	346	--	--	--	--
Palamu	1	30	--	--	--	--	--	--
Ranchi	1	120	--	--	--	--	--	--
Sahebganj	--	--	--	--	--	--	--	--
Bokaro	18	2177	2	65	2	200	--	--
Pakur	--	--	--	--	--	--	--	--
Chatra	2	200	--	--	--	--	--	--
Latehar	--	--	--	--	--	--	--	--
TOTAL : JHARKHAND	172	26471	85	2310	60	25190	14	1187

STATEMENT NO. 4.9 (CONTD.)

STATE/DISTRICT	PUMPS						COAL		WORKSHOP	
	BELOWGROUND		OPENCAST		ABOVE GROUND		HANDLING PLANTS		MACHINERIES ELECTRICAL	
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	10	11	12	13	14	15	16	17	18	19
1. COAL										
ANDHRA PRADESH										
Adilabad	135	15775	31	4020	101	5138	3	2285	2	8
Karimnagar	260	32026	56	5990	44	2243	5	3105	33	299
Khammam	98	12210	65	4230	32	2525	3	6341	41	201
Warangal	74	7045	4	857	23	715	--	--	20	30
TOTAL : ANDHRA PRADESH	567	67056	156	15097	200	10621	11	11731	96	538
ARUNACHAL PRADESH										
Chaglong	--	--	2	300	--	--	--	--	3	10
ASSAM										
Tinsukia	8	720	7	2258	--	--	--	--	7	36
CHATTISGARH										
Bilaspur	8	938	--	--	3	641	--	--	4	28
Raigarh	45	1789	42	6031	4	990	1	1000	4	14
Surguja	74	8613	24	6609	53	3645	1	1200	42	261
Korea	75	4641	2	150	53	4357	2	1090	77	609
Korba	43	7231	93	20202	28	5466	5	31346	96	1183
TOTAL : CHATTISGARH	245	23212	161	32992	141	15099	9	34636	223	2095
JHARKHAND										
Deoghar	--	--	4	636	3	516	--	--	2	5
Dhanbad	507	85721	125	17844	223	22915	27	2703	221	2076
Giridih	--	--	4	1260	2	130	--	--	--	--
Godda	--	--	7	2200	--	--	1	2700	10	58
Hazaribagh	56	6878	202	23696	216	20859	6	49421	131	1130
Palamu	--	--	4	166	2	210	--	--	5	11
Ranchi	3	290	16	4576	10	1566	2	776	24	175
Sahebganj	--	--	2	125	--	--	--	--	--	--
Bokaro	35	3710	59	12058	21	806	1	410	21	117
Pakur	--	--	--	--	2	389	--	--	--	--
Chatra	2	200	13	6729	4	177	--	--	9	35
Latehar	--	--	2	314	1	5	--	--	--	--
TOTAL : JHARKHAND	603	96799	438	69604	484	47573	37	56010	423	3607

STATEMENT NO. 4.9 (Contd.)

STATE/DISTRICT	VENTILATOR				WINDING ENGINES			
	MAIN		BELOWGROUND		ELECTRICAL		STEAM	
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9
JAMMU & KASHMIR								
Rajauri	3	185	--	--	--	--	--	--
Udhampur	1	30	--	--	--	--	--	--
TOTAL : JAMMU & KASHMIR	4	215	--	--	--	--	--	--
MADHYA PRADESH								
Narsigpur	--	--	--	--	--	--	--	--
Betul	12	3049	--	--	--	--	--	--
Chhindwara	20	2474	--	--	--	--	--	--
Shahdol	27	3945	21	441	--	--	--	--
Sidhi	--	--	--	--	--	--	--	--
Umaria	6	832	--	--	--	--	--	--
Anuppur	1	130	--	--	--	--	--	--
Singrauli	--	--	--	--	--	--	--	--
TOTAL : MADHYA PRADESH	66	10430	21	441	--	--	--	--
MAHARASHTRA								
Chandrapur	21	3095	5	200	2	127	1	225
Nagpur	13	2088	2	100	--	--	--	--
Yavatmal	3	510	4	80	--	--	--	--
TOTAL : MAHARASHTRA	37	5693	11	380	2	127	1	225
ORISSA								
Angul	3	635	6	120	1	214	2	100
Sambalpur	--	--	--	--	--	--	--	--
Sundergarh	--	--	--	--	--	--	--	--
Jharsuguda	8	2041	5	120	--	--	--	--
TOTAL : ORISSA	11	2676	11	240	1	214	2	100
UTTAR PRADESH								
Sonebhadra	--	--	--	--	--	--	--	--
WEST BENGAL								
Bankura	2	215	2	40	--	--	--	--
Birbhum	--	--	--	--	--	--	--	--
Burdwan	127	17266	14	663	44	9881	102	11522
Purulia	2	270	--	--	--	--	--	--
TOTAL : WEST BENGAL	131	17751	16	703	44	9881	102	11522
ALL INDIA : COAL	577	94723	240	7887	125	38048	121	13834

STATEMENT NO. 4.9 (CONTD.)

STATE/DISTRICT	PUMPS						COAL HANDLING PLANTS		WORKSHOP MACHINERIES	
	BELOWGROUND		OPENCAST		ABOVE GROUND		NO.	H.P.	NO.	H.P.
	NO.	H.P.	NO.	H.P.	NO.	H.P.				
1	10	11	12	13	14	15	16	17	18	19
JAMMU & KASHMIR										
Rajauri	8	300	--	--	3	30	--	--	--	--
Udhampur	1	20	--	--	--	--	--	--	--	--
TOTAL : JAMMU & KASHMIR	9	320	--	--	3	30	--	--	--	--
MADHYA PRADESH										
Narsigpur	--	--	4	414	9	156	--	--	10	28
Betul	15	1656	--	--	6	503	1	140	41	267
Chhindwara	73	5041	21	2142	33	2576	--	--	85	532
Shahdol	167	14510	22	2026	60	4903	3	3228	123	1231
Sidhi	--	--	19	6184	15	2151	2	10293	34	178
Umaria	32	3617	8	745	12	1430	2	260	19	150
Anuppur	--	--	3	165	4	565	--	--	11	66
Singrauli	--	--	1	308	2	844	1	1050	--	--
TOTAL : MADHYA PRADESH	287	24824	78	11984	141	13128	9	14971	323	2452
MAHARASHTRA										
Chandrapur	74	12132	76	17034	56	11973	9	5749	134	862
Nagpur	45	5772	13	3018	56	8028	2	2830	69	383
Yavatmal	6	945	24	4605	14	2004	5	4149	41	286
TOTAL : MAHARASHTRA	125	18849	113	24657	126	22005	16	12728	244	1531
ORISSA										
Angul	35	2803	41	4775	18	2773	2	607	28	158
Sambalpur	--	--	--	--	--	--	--	--	--	--
Sundergarh	--	--	8	2289	--	--	--	--	--	--
Jharsuguda	28	5072	16	3102	21	2750	2	420	25	161
TOTAL : ORISSA	63	7875	65	10166	39	5523	4	1027	53	319
UTTAR PRADESH										
Sonebhadra	--	--	40	15822	14	2917	1	8284	36	818
WEST BENGAL										
Bankura	3	407	1	265	6	196	--	--	2	8
Birbhum	2	113	4	115	3	795	--	--	--	--
Burdwan	464	46875	50	5349	113	10190	9	3902	217	1435
Purulia	9	880	--	--	2	100	1	62	7	43
TOTAL : WEST BENGAL	478	48275	55	5729	124	11281	10	3964	226	1486
ALL INDIA : COAL	2385	287930	1115	188609	1272	128177	97	143351	1634	12892

STATEMENT NO. 4.9
VENTILATORS, WINDING ENGINES, PUMPS, C.H.P. & WORKSHOP MACHINERIES USED DURING THE YEAR, 2011.

STATE/DISTRICT	VENTILATOR					WINDING ENGINES			
	MAIN		BELOWGROUND		ELECTRICAL		STEAM		
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	
1	2	3	4	5	6	7	8	9	
2. LIGNITE									
GUJARAT									
Bharuch	--	--	--	--	--	--	--	--	
Bhavanagar	--	--	--	--	--	--	--	--	
Kutch	--	--	--	--	--	--	--	--	
Surat	--	--	--	--	--	--	--	--	
TOTAL : GUJARAT	--	--	--	--	--	--	--	--	
RAJASTHAN									
Bikaner	--	--	--	--	--	--	--	--	
Nagaur	--	--	--	--	--	--	--	--	
TOTAL : RAJASTHAN	--	--	--	--	--	--	--	--	
TAMILNADU									
Cuddalore	--	--	--	--	--	--	--	--	
ALL INDIA : LIGNITE	--	--	--	--	--	--	--	--	
ALL INDIA: COAL & LIGNITE	577	94723	240	7887	125	38048	121	13834	

STATEMENT NO. 4.9 (CONTD.)

STATE/DISTRICT	PUMPS						COAL		WORKSHOP	
	BELOWGROUND		OPENCAST		ABOVE GROUND		HANDLING PLANTS		MACHINERIES ELECTRICAL	
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	10	11	12	13	14	15	16	17	18	19
2. LIGNITE										
GUJARAT										
Bharuch	--	--	11	810	--	--	--	--	8	26
Bhavanagar	--	--	3	210	--	--	1	180	5	13
Kutch	--	--	7	380	--	--	--	--	20	145
Surat	--	--	16	1097	--	--	1	3060	4	3
TOTAL : GUJARAT	--	--	37	2497	--	--	2	3240	37	187
RAJASTHAN										
Bikaner	--	--	1	40	3	54	--	--	2	20
Nagaur	--	--	10	1000	5	500	--	--	2	4
TOTAL : RAJASTHAN	--	--	11	1040	8	554	--	--	4	24
TAMILNADU										
Cuddalore	--	--	198	99816	--	--	--	--	--	--
ALL INDIA : LIGNITE	--	--	246	103353	8	554	2	3240	41	211
ALL INDIA: COAL & LIGNITE	2385	287930	1361	291962	1280	128731	99	146591	1675	13103

STATEMENT NO. 4.10
VENTILATORS, WINDING ENGINES, PUMPS, C.H.P. & WORKSHOP MACHINERIES USED DURING THE YEAR, 2011 OWNER-WISE.

OWNER	VENTILATOR				WINDING ENGINES			
	COAL		WORKSHOP		ELECTRICAL		STEAM	
	MAIN NO.	H.P.	BELLOWGROUND NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9
BCCL	101	17083	18	643	57	22150	18	2227
CCL	46	4590	9	411	1	100	--	--
ECL	138	18343	16	758	38	8991	98	10482
MCL	11	2676	11	240	1	214	2	100
NCL	--	--	--	--	--	--	--	--
NEC	2	55	1	20	--	--	--	--
SECL	83	14508	27	594	1	335	2	800
WCL	68	11156	7	300	2	127	1	225
CIL	449	68411	89	2966	100	31917	121	13834
JSMDC	--	--	--	--	--	--	--	--
DVC	--	--	--	--	--	--	--	--
GMDC	--	--	--	--	--	--	--	--
IISCO	7	1590	--	--	8	3830	--	--
J&K Min.	4	215	--	--	--	--	--	--
NLC	--	--	--	--	--	--	--	--
SCCL	102	21241	89	3640	17	2301	--	--
TISCO	9	2016	58	1201	--	--	--	--
PIL	--	--	--	--	--	--	--	--
GIPCL	--	--	--	--	--	--	--	--
GHCL	--	--	--	--	--	--	--	--
JINDAL	--	--	--	--	--	--	--	--
BENGALLEMATA	--	--	--	--	--	--	--	--
APMDTC	--	--	--	--	--	--	--	--
BLAI	--	--	--	--	--	--	--	--
ICML	--	--	--	--	--	--	--	--
INDAL	--	--	--	--	--	--	--	--
MIL	2	456	--	--	--	--	--	--
RSMML	--	--	--	--	--	--	--	--
PCML	--	--	--	--	--	--	--	--
JNL	1	134	--	--	--	--	--	--
RASL	--	--	--	--	--	--	--	--
SISCL	1	60	4	80	--	--	--	--
ELCALTD	2	600	--	--	--	--	--	--
VSLPPL	--	--	--	--	--	--	--	--
UML	--	--	--	--	--	--	--	--
DVC EMTA	--	--	--	--	--	--	--	--
ALL INDIA	577	94723	240	7887	125	38048	121	13834

STATEMENT NO. 4.10 (continued)
VENTILATORS, WINDING ENGINES, PUMPS, C.H.P. & WORKSHOP MACHINERIES USED DURING THE YEAR, 2011 OWNER-WISE.

OWNER	PUMPS						COAL HANDLING PLANTS			WORKSHOP MACHINERIES	
	BELOWGROUND		OPENCAST		ABOVE GROUND						
	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	
1	10	11	12	13	14	15	16	17	18	19	
BCCL	333	49788	108	16171	195	18851	28	3113	206	1953	
CCL	92	10623	141	33635	87	7507	6	2434	170	1281	
ECL	489	48237	66	7213	134	11147	11	6664	225	1525	
MCL	63	7875	65	10166	39	5523	4	1027	53	319	
NCL	--	--	60	22314	31	5912	4	19627	70	996	
NEC	8	720	7	2258	--	--	--	--	7	36	
SECL	404	39944	156	30532	212	21097	13	37124	374	3534	
WCL	211	25321	115	24864	154	23194	17	12868	366	2027	
CIL	1600	182508	718	147153	852	93231	83	82857	1471	11671	
JSMDC	--	--	2	314	1	5	--	--	--	--	
DVC	--	--	5	305	--	--	--	--	--	--	
GMDC	--	--	24	1497	--	--	--	--	37	187	
IISCO	45	9232	12	1805	4	60	--	--	16	102	
J&K Min.	9	320	--	--	3	30	--	--	--	--	
NLC	--	--	199	99856	3	54	--	--	--	--	
SCCL	567	67056	156	15097	200	10621	11	11731	96	538	
TISCO	120	27004	145	13496	176	19483	2	47763	20	187	
PIL	--	--	4	400	3	450	--	--	--	--	
GIPCL	--	--	12	940	--	--	1	3060	--	--	
GHCL	--	--	1	60	--	--	1	180	--	--	
JINDAL	--	--	24	4800	--	--	1	1000	--	--	
BENGALEMTA	--	--	7	1225	4	1055	--	--	--	--	
APMDTC	--	--	2	300	--	--	--	--	3	10	
BLAI	--	--	4	414	9	156	--	--	10	28	
ICML	--	--	5	890	3	104	--	--	12	45	
INDAL	--	--	--	--	--	--	--	--	--	--	
MIL	34	1120	--	--	1	250	--	--	2	8	
RSMML	--	--	10	1000	5	500	--	--	2	4	
PCML	--	--	--	--	2	389	--	--	--	--	
JNL	6	275	5	17	--	--	--	--	--	--	
RASL	--	--	20	2084	1	200	--	--	2	275	
SISCL	2	225	--	--	2	15	--	--	--	--	
ELCALTD	2	190	--	--	--	--	--	--	--	--	
VSLPPL	--	--	--	--	--	--	--	--	2	20	
UML	--	--	1	14	1	160	--	--	--	--	
DVC EMTA	--	--	5	295	10	1968	--	--	2	28	
ALL INDIA	2385	287930	1361	291962	1280	128731	99	146591	1675	13103	

SECTION – V

ACCIDENT

STATEMENT NO. 5.0

Codes for classification of accidents by cause and place of occurrence

Code	Cause of Accident	Code	Cause of Accident
	Ground movement		Explosives
0111	Fall of roof	0551	Solid blasting projectiles
0112	Fall of sides (other than overhangs)	0552	Deep hole blasting projectiles
0113	Fall of overhang	0553	Secondary blasting projectiles
0114	Rock burst/bumps	0554	Other projectiles
0115	Air blast	0555	Misfires/sockets (while drilling into)
0116	Premature collapse of workings/pillars	0556	Misfire/socket (other than drilling into)
0117	Subsidence	0557	Delayed ignition
0118	Landslide	0558	Blown through shots
0119	Collapse of shaft	0559	Other explosive accident
	Transportation machinery (winding)		Electricity
0221	Overwinding of cages/skip, etc. (upgoing)	0661	Overhead lines
0222	Breakage of rope, chain, draw/suspn. gear	0662	Trailing cables
0223	Falls of persons from cages, skip, etc.	0663	Switch gears, gate end boxes, pommel, etc.
0224	Falling of objects from cages, skip, etc.	0664	Energized machines
0225	Hit by cages, skip, etc.	0665	Power cables other than trailing cables
0228	Overwinding of cages/skip (downgoing)	0669	Other electrical accidents
0229	Other accident due to winding operation		Dust, gas & other combustible material
	Transportation machinery (non winding)	0771	Occurrence of gas
0331	Aerial ropeway	0772	Influx of gas
0332	Rope haulage	0774	Explosion/ignition of gas/dust, etc.
0333	Other rail transportation	0775	Outbreak of fire or spontaneous heating
0334	Conveyors	0776	Well blowout (with fire)
0335	Dumpers	0777	Well blowout (without fire)
0336	Wagon movements	0778	Other combustible material
0339	Wheeled trackless (truck, tanker, etc.)	0779	Other accidents due to dust/gas/fire
	Machinery other than transp. machinery		Falls (other than fall of ground)
0441	Drilling machines	0881	Fall of person from height/into depth
0442	Cutting machines	0882	Fall of persons on the same level
0443	Loading machines	0883	Fall of objects incl. rolling objects
0444	Haulage engine	0889	Other accident due to falls
0445	Winding engine		Other causes
0446	Shovel, dragline, frontend loader, etc.	0991	Irruption of water
0447	Crushing & screening plants	0992	Flying pieces (except due to explosives)
0448	Other heavy earth moving machinery	0993	Drowning in water
0449	Other non-transportation machinery	0994	Buried in sands, etc.
		0995	Bursting/leakage of oil pipe lines
		0999	Unclassified

Statement 5.0 (continued)

Code	Place of Accident	Code	Place of Accident
BELOW GROUND			OPENCAST
	Development area		Benches
111	< 10m of development face	211	Waste/overburden alluvium
112	> 10m and within working district	212	Waste/overburden float
	Long wall panel	213	Waste/overburden hard rock
121	> 10m of long wall face	214	Coal/ore benches
122	Gate roads in long wall panels		Quarry (other than benches)
	Depillaring / stoping	221	Top of the quarry
131	< 10m of face	222	Bed of the quarry
132	> 10m but < 30m		Roads
133	> 30m but within working district	231	Haul roads
	Outside working district	232	Rope haulage roads
141	Traveling roadways	239	Other transportation roads
149	Unclassified		Other open cast places
	Tramming roadways	241	Waste dump
151	Within district	249	Other places (specify)
152	Outside district		ABOVE GROUND
	Haulage roadways (within district)		Transportation road/sites
161	Rope haulage roadways	311	Aerial ropeways
162	Conveyor roadways	312	Rope haulage roads
163	Loco roadways	313	Wheeled trackless transportation roads
169	Unclassified	314	Railway lines belonging to mines
	Haulage roadways (outside district)	315	Petroleum pipelines
171	Rope haulage roadways	319	Unclassified
172	Conveyor roadways		Plant sites
173	Loco roadways	321	Site of ore handling plants
179	Unclassified	322	Workshop, powerhouse, engine room, etc.
180	Shaft	323	Erection/rigging site
199	Other below ground places	324	Gas col stn/gas comp stn/group gather.
		325	Oil wells/water inject wells
		329	Unclassified
			Other above ground places
		331	Depot
		332	Waste dump
		333	Water reservoir
		339	Unclassified

STATEMENT NO. 5.1

Trend in number of accidents in coal mines, resultant casualties/seriously injured persons and their rates

Year	Fatal Accidents			Serious Accidents		Rates per thousand Persons Employed		Rates per lakh Manshifts worked		Rates per million Tonnes of Coal raised	
	Number of Accidents	Number of Persons		Number of Accidents	Number of Persons Seriously Injured	Death	Serious Injury	Death	Serious Injury	Death	Serious Injury
		Killed	Seriously Injured			Death	Serious Injury				
1	2	3	4	5	6	7	8	9	10	11	12
1989	156	177	32	899	914	0.32	1.73	0.11	0.56	0.86	4.58
1990	151	166	23	893	960	0.30	1.79	0.10	0.58	0.78	4.62
1991	138	143	33	803	821	0.26	1.54	0.08	0.50	0.60	3.59
1992	165	183	60	810	834	0.33	1.62	0.11	0.53	0.73	3.58
1993	156	176	22	854	881	0.32	1.65	0.10	0.53	0.68	3.46
1994	156	241	40	717	735	0.46	1.48	0.15	0.47	0.90	2.90
1995	137	219	23	757	790	0.43	1.58	0.14	0.51	0.77	2.86
1996	131	146	20	677	703	0.29	1.43	0.09	0.45	0.48	2.38
1997	143	165	22	678	704	0.33	1.44	0.10	0.46	0.52	2.29
1998	128	146	18	523	542	0.30	1.14	0.10	0.37	0.46	1.75
1999	127	138	21	595	629	0.29	1.37	0.09	0.44	0.44	2.06
2000	117	144	28	661	679	0.31	1.54	0.10	0.49	0.43	2.11
2001	105	141	14	667	706	0.32	1.64	0.10	0.53	0.41	2.10
2002	81	97	15	629	650	0.23	1.57	0.07	0.50	0.27	1.83
2003	83	113	12	563	578	0.27	1.42	0.09	0.45	0.30	1.56
2004	87	96	14	962	977	0.24	2.45	0.07	0.77	0.23	2.42
2005	96	117	19	1106	1119	0.29	2.85	0.09	0.91	0.28	2.70
2006	78	137	15	861	876	0.36	2.31	0.11	0.73	0.32	2.07
2007	76	78	11	923	940	0.21	2.51	0.06	0.78	0.16	1.98
2008	80	93	16	686	693	0.25	1.92	0.08	0.59	0.18	1.40
2009	83	93	14	636	646	0.25	1.76	0.08	0.55	0.17	1.18
2010	97	118	23	480	488	0.32	1.38	0.10	0.43	0.20	0.85
2011	65	67	10	533	546	0.18	1.52	0.06	0.47	0.11	0.92

Note : fatal as well as serious accidents are considered in computation of rates for serious injury in this statement as well as all subsequent statements wherever rates for serious injury are presented.

STATEMENT NO. 5.2
Trend in accident rates and placewise casualty rates in coal mines

Year	Fatal accident rate per 1000 persons employed	Death rate per 1000 persons employed				Serious accident rate per 1000 persons employed	S/Injury rate per 1000 persons employed			
		Below ground	Open cast	Above ground	Overall		Below ground	Open cast	Above ground	Overall
1	2	3	4	5	6	7	8	9	10	11
1988	0.29	0.36	0.45	0.20	0.32	1.40	1.97	0.58	0.99	1.51
1989	0.29	0.39	0.42	0.17	0.32	1.64	2.21	1.11	1.04	1.73
1990	0.27	0.33	0.42	0.20	0.30	1.63	2.38	1.16	0.96	1.79
1991	0.25	0.26	0.39	0.20	0.26	1.45	1.96	1.00	0.98	1.54
1992	0.30	0.39	0.52	0.16	0.33	1.46	2.14	0.79	1.01	1.62
1993	0.29	0.39	0.37	0.19	0.32	1.56	2.19	0.83	1.01	1.65
1994	0.30	0.59	0.64	0.15	0.46	1.37	2.08	0.86	0.67	1.48
1995	0.27	0.60	0.38	0.13	0.43	1.47	2.07	1.05	0.93	1.58
1996	0.26	0.31	0.42	0.19	0.29	1.34	1.83	1.10	0.86	1.43
1997	0.28	0.41	0.42	0.14	0.33	1.35	1.71	1.25	1.05	1.44
1998	0.26	0.36	0.35	0.16	0.30	1.06	1.41	1.06	0.70	1.14
1999	0.27	0.33	0.43	0.16	0.29	1.25	1.73	1.19	0.81	1.37
2000	0.26	0.30	0.74	0.13	0.31	1.44	1.92	1.67	0.82	1.54
2001	0.24	0.43	0.38	0.10	0.32	1.52	2.10	1.12	1.07	1.64
2002	0.19	0.27	0.32	0.11	0.23	1.49	2.07	1.43	0.80	1.57
2003	0.20	0.33	0.35	0.13	0.27	1.35	1.85	1.30	0.77	1.42
2004	0.21	0.27	0.47	0.05	0.24	2.37	3.69	1.24	1.02	2.45
2005	0.20	0.34	0.42	0.15	0.29	2.27	4.23	1.45	1.37	2.85
2006	0.20	0.52	0.33	0.09	0.36	2.23	3.40	1.30	1.11	2.31
2007	0.20	0.13	0.46	0.14	0.21	2.43	3.91	1.10	1.15	2.51
2008	0.22	0.21	0.45	0.18	0.25	1.86	2.87	0.98	0.92	1.92
2009	0.22	0.25	0.40	0.14	0.25	1.70	2.72	0.67	0.93	1.76
2010	0.26	0.33	0.51	0.15	0.32	1.30	2.03	0.83	0.68	1.38
2011	0.17	0.13	0.35	0.13	0.18	1.25	2.23	0.91	0.79	1.52

STATEMENT NO. 5.3

Causewise Trend of Fatal Accidents in Coal Mines

Cause / Year	2006	2007	2008	2009	2010	2011
1. GROUND MOVEMENT						
Fall of Roof	13 (22)	13 (13)	14 (17)	17 (21)	15 (18)	11 (12)
Fall of Side	4 (4)	4 (4)	6 (6)	8 (9)	6 (7)	2 (2)
Other Ground Movement	1 (1)	--	1 (5)	1 (2)	1 (1)	2 (2)
2. TRANSPORTATION MACHINERY (WINDING IN SHAFT)	3 (3)	--	1 (1)	--	--	1 (1)
3. TRANSPORTATION MACHINERY (OTHER THAN WINDING IN SHAFT)						
Rope Haulage	9 (9)	4 (4)	4 (4)	5 (5)	3 (4)	3 (3)
Wheeled Trackless Transp.	11 (12)	24 (26)	22 (23)	22 (22)	34 (36)	23 (24)
Other Transp. Machinery	5 (5)	1 (1)	2 (2)	4 (4)	4 (4)	2 (2)
4. MACHINERY OTHER THAN TRANSPORTATION MACHINERY	8 (8)	12 (12)	10 (10)	15 (15)	7 (7)	6 (6)
5. EXPLOSIVES	--	1 (1)	1 (1)	--	2 (16)	1 (1)
6. ELECTRICITY	3 (3)	4 (4)	5 (6)	2 (2)	8 (8)	5 (5)
7. GAS, DUST & OTHER COMBUSTIBLE MATERIAL	4 (53)	2 (2)	2 (6)	2 (4)	1 (1)	--
8. FALL (OTHER THAN FALLS OF GROUND)						
Fall of Persons	4 (4)	3 (3)	6 (6)	2 (2)	6 (6)	1 (1)
Fall of Objects	8 (8)	4 (4)	4 (4)	2 (2)	4 (4)	4 (4)
Other Falls	--	2 (2)	--	--	--	--
9. OTHER CAUSES						
Irruption of Water	--	--	--	--	--	--
Flying Pieces	--	1 (1)	--	--	--	--
Miscellaneous	5 (5)	1 (1)	2 (2)	3 (5)	6 (6)	4 (4)
T O T A L	78 (137)	76 (78)	80 (93)	83 (93)	97 (118)	65 (67)
B E L O W G R O U N D :	44 (102)	25 (25)	32 (39)	39 (46)	41 (60)	23 (24)
O P E N C A S T :	24 (25)	35 (37)	29 (35)	29 (32)	40 (42)	29 (30)
A B O V E G R O U N D :	10 (10)	16 (16)	19 (19)	15 (15)	16 (16)	13 (13)

NOTE : Figures within parentheses denote the number of persons killed.

STATEMENT NO. 5.4
Causewise Trend of Serious Accidents in Coal Mines

Cause / Year	2006	2007	2008	2009	2010	2011
1. GROUND MOVEMENT						
Fall of Roof	27 (39)	32 (38)	30 (33)	28 (36)	17 (24)	16 (24)
Fall of Side	28 (30)	38 (40)	39 (40)	29 (32)	36 (37)	23 (25)
Other Ground Movement	1 (1)	--	--	--	0 (1)	0 (1)
2. TRANSPORTATION MACHINERY (WINDING IN SHAFT)	5 (7)	2 (11)	--	3 (4)	--	14 (19)
3. TRANSPORTATION MACHINERY (OTHER THAN WINDING IN SHAFT)						
Rope Haulage	178 (180)	131 (131)	90 (90)	72 (73)	37 (44)	54 (54)
Wheeled Trackless Transp.	41 (52)	32 (36)	20 (22)	24 (28)	22 (27)	24 (27)
Other Transp. Machinery	48 (48)	35 (35)	16 (16)	7 (7)	13 (13)	11 (12)
4. MACHINERY OTHER THAN TRANSPORTATION MACHINERY	54 (54)	79 (81)	40 (42)	36 (37)	24 (24)	33 (34)
5. EXPLOSIVES	1 (1)	4 (4)	1 (1)	3 (5)	5 (11)	3 (4)
6. ELECTRICITY	5 (5)	3 (6)	--	2 (2)	3 (3)	1 (1)
7. GAS, DUST & OTHER COMBUSTIBLE MATERIAL	1 (1)	1 (1)	0 (14)	1 (2)	--	--
8. FALL (OTHER THAN FALLS OF GROUND)						
Fall of Persons	221 (221)	268 (268)	202 (203)	194 (196)	133 (133)	167 (168)
Fall of Objects	153 (154)	185 (186)	146 (146)	108 (109)	84 (86)	74 (74)
Other Falls	1 (1)	3 (4)	3 (3)	7 (7)	4 (4)	6 (6)
9. OTHER CAUSES						
Irruption of Water	--	--	--	1 (1)	--	--
Flying Pieces	2 (2)	1 (1)	1 (1)	--	--	1 (1)
Miscellaneous	95 (95)	109 (109)	98 (98)	121 (121)	102 (104)	106 (106)
T O T A L	861 (891)	923 (951)	686 (709)	636 (660)	480 (511)	533 (556)
B E L O W G R O U N D :	646 (665)	717 (735)	516 (536)	490 (506)	348 (370)	379 (397)
O P E N C A S T :	88 (99)	83 (88)	74 (76)	50 (54)	62 (69)	73 (78)
A B O V E G R O U N D :	127 (127)	123 (128)	96 (97)	96 (100)	70 (72)	81 (81)

NOTE : Figures within parentheses denote the number of persons seriously injured. This also includes serious injury out of fatal accidents.

STATEMENT NO. 5.5

Causewise trend in dangerous occurrences in coal mines

Sl.	Cause	2005	2006	2007	2008	2009	2010	2011
1.	Overwinding of cages, skip or bucket	2	--	--	--	5	2	1
2.	Spontaneous heating of coal in underground	14	1	2	5	--	5	6
3.	Spontaneous heating of coal on surface	--	1	3	--	--	--	--
4.	Spontaneous heating of coal in opencast	--	--	--	1	3	--	--
5.	Outbreak of fire underground from spontaneous heating	1	--	--	--	--	1	--
6.	Outbreak of fire underground from causes other than spontaneous heating	1	--	1	--	2	--	--
7.	Outbreak of fire in quarry from causes other than spontaneous heating	2	--	--	--	--	--	--
8.	Outbreak of fire on surface from causes other than spontaneous heating	--	1	--	--	--	1	--
9.	Premature collapse of workings or failure of pillars	2	1	2	--	2	2	--
10.	Influx of noxious gases	3	2	2	--	3	2	3
11.	Breakage of winding rope	1	--	--	1	1	1	--
12.	Breakdown of winding engine, crank shaft, bearing etc.	3	2	--	1	--	--	1
13.	Ignition or occurrence of inflammable gas	--	1	1	--	--	--	--
14.	Breakage, fracture or failure of essential parts of machinery or apparatus whereby safety of persons was endangered	6	3	4	3	--	--	1
15.	Irruption of water	2	1	--	3	--	1	1
16.	Subsidence	--	--	1	1	--	--	--
17.	Explosives	--	3	3	2	--	--	--
18.	Others	3	7	5	7	12	10	10
Total		40	23	24	24	28	25	23

STATEMENT NO. 5.6a
**Number of accidents and placewise casualties/seriously injured persons in
coal mines by state and district during the year 2011**

Sl. No.	Mineral/State/ District	Number of Accidents		No. of Persons Killed					No. of Persons Seriously Injured										
				Below Ground		Opencast		Above Ground		Total		Below Ground		Opencast		Above Ground		Total	
		Fatal	Serious	M	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
1.	COAL																		
	ANDHRA PRADESH																		
	Adilabad	2	102		2	0	0	0	0	2	83	7	0	12	0	102			
	Karimnagar	4	113		3	1	0	0	0	4	96	10	0	10	0	116			
	Khammam	1	34		0	1	0	0	0	1	20	5	0	9	0	34			
	Warangal	1	44		0	0	0	1	0	1	40	0	0	5	0	45			
	TOTAL : ANDHRA PRADESH	8	293		5	2	0	1	0	8	239	22	0	36	0	297			
	ASSAM																		
	Tinsukia	2	0		0	2	0	0	0	2	0	0	0	0	0	0			
	TOTAL : ASSAM	2	0		0	2	0	0	0	2	0	0	0	0	0	0			
	CHHATTISGARH																		
	Raigarh	1	0		0	1	0	0	0	1	0	0	0	0	0	0			
	Surjuga	0	10		0	0	0	0	0	0	5	4	0	1	0	10			
	Korea	5	3		4	0	0	1	0	5	2	1	0	0	0	3			
	Korba	4	9		1	2	0	1	0	4	7	2	0	1	0	10			
	TOTAL : CHHATTISGARH	10	22		5	3	0	2	0	10	14	7	0	2	0	23			
	JHARKHAND																		
	DHANBAD	8	44		5	4	0	0	0	9	37	5	0	10	0	52			
	Godda	0	1		0	0	0	0	0	0	0	2	0	0	0	2			
	Hazaribagh	2	7		0	1	0	1	0	2	5	2	0	0	0	7			
	Ranchi	0	1		0	0	0	0	0	0	0	1	0	0	0	1			
	Bokaro	3	6		1	1	0	1	0	3	2	4	0	0	0	6			
	Chatra	1	2		0	1	0	0	0	1	0	1	0	1	0	2			
	Ramgarh	2	0		0	2	0	0	0	2	0	0	0	0	0	0			
	TOTAL : JHARKHAND	16	61		6	9	0	2	0	17	44	15	0	11	0	70			

Sl. No.	Mineral/State/ District	Number of Accidents		No. of Persons Killed						No. of Persons Seriously Injured								
				Below Ground			Above Ground			Total			Below Ground			Above Ground		Total
		Fatal	Serious	M	M	F	M	F	M	M	F	M	M	F	M	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
MADHYA PRADESH																		
Betul		1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
Chhindwara		0	8	0	0	0	0	0	0	7	0	0	1	1	9			
Shahdol		0	12	0	0	0	0	0	0	6	4	0	2	0	12			
Sidhi		0	1	0	0	0	0	0	0	0	1	0	0	0	0	1		
Umaria		0	6	0	0	0	0	0	0	5	0	0	1	0	6			
Anuppur		2	1	1	1	0	0	0	2	1	0	0	0	0	0	1		
Singrauli		2	3	0	1	0	1	0	2	0	4	0	0	0	4			
TOTAL : MADHYA PRADESH		5	31	2	2	0	1	0	5	19	9	0	4	1	33			
MAHARASHTRA																		
Chandrapur		3	16	1	1	0	1	0	3	7	7	0	2	0	16			
Nagpur		2	8	0	2	0	1	0	3	6	4	0	0	0	10			
Yavatmal		2	10	1	0	0	1	0	2	4	2	0	7	0	13			
TOTAL : MAHARASHTRA		7	34	2	3	0	3	0	8	17	13	0	9	0	39			
ORISSA																		
Angul		3	6	0	1	0	2	0	3	3	3	0	0	0	6			
Jharsuguda		1	4	0	0	0	1	0	1	3	1	0	0	0	4			
TOTAL : ORISSA		4	10	0	1	0	3	0	4	6	4	0	0	0	10			
UTTAR PRADESH																		
Sonebhadra		3	1	0	2	0	1	0	3	0	1	0	0	0	1			
TOTAL : UTTAR PRADESH		3	1	0	2	0	1	0	3	0	1	0	0	0	1			
WEST BENGAL																		
Bankura		0	1	0	0	0	0	0	0	0	0	0	1	0	1			
Burdwan		8	75	4	4	0	0	0	8	58	5	0	14	0	77			
Purulia		0	1	0	0	0	0	0	0	0	0	0	1	0	1			
TOTAL : WEST BENGAL		8	77	4	4	0	0	0	8	58	5	0	16	0	79			
ALL INDIA : COAL		63	529	24	28	0	13	0	65	397	76	0	78	1	552			

Sl. No.	Mineral/State/ District	Number of Accidents		No. of Persons Killed					No. of Persons Seriously Injured						
				Below Ground		Above Ground		Total	Below Ground		Opencast		Above Ground		Total
		Fatal	Serious	M	M	F	M	F	M	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2.	LIGNITE														
	TAMIL NADU														
	Cuddalore	2	4	0	2	0	0	0	2	0	2	0	2	0	4
	TOTAL : TAMIL NADU	2	4	0	2	0	0	0	2	0	2	0	2	0	4
	ALL INDIA : LIGNITE	2	4	0	2	0	0	0	2	0	2	0	2	0	4
	ALL INDIA : ALL COAL	65	533	24	30	0	13	0	67	397	78	0	80	1	556

Note 1 : M:Male, F:Female

Note 2 : Fatal as well as serious accidents are considered in computing the figures of number of persons seriously injured in this statement.

STATEMENT NO. 5.6b

Casualty/serious injury rates in coal mines by state and district during the year 2011

Sl. No.	Mineral/State/ District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed				Rate per Lakh Manshift		Rate per Million Tonnes	
		B. G.	O. C.	A. G.	Overall	B. G.	O. C.	A. G.	Overall	Death S/Inj.	Death S/Inj.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. COAL													
	ANDHRA PRADESH												
	Adilabad	0.12	...	...	0.10	4.99	3.31	7.93	5.04	0.03	1.73	0.16	8.12
	Karimnagar	0.16	0.19	...	0.15	5.07	1.94	2.86	4.21	0.05	1.38	0.12	3.60
	Khammam	...	0.23	...	0.09	5.14	1.14	2.66	2.92	0.03	0.92	0.03	1.07
	Warangal	...	...	2.42	0.17	8.09	...	12.11	7.57	0.06	2.67	0.66	29.76
TOTAL : ANDHRA PRADESH		0.11	0.16	0.11	0.12	5.38	1.80	4.09	4.54	0.04	1.51	0.10	3.81
ASSAM													
	Assam												
	Tinsukia	...	2.44	...	0.96	...	...	...	...	0.31	...	2.66	...
TOTAL : ASSAM		...	2.44	...	0.96	...	...	...	...	0.31	...	2.66	...
CHHATTISGARH													
	Chhattisgarh												
	Raigarh	...	0.59	...	0.20	...	...	...	...	0.06	...	0.03	...
	Surjua	...	...	...	...	1.11	3.45	0.63	1.38	...	0.39	...	2.16
	Korea	0.60	...	0.54	0.59	0.30	13.51	...	0.35	0.17	0.10	1.21	0.73
	Korba	0.24	0.82	0.22	0.36	1.69	0.82	0.22	0.90	0.10	0.26	0.05	0.12
TOTAL : CHHATTISGARH		0.27	0.56	0.22	0.31	0.76	1.30	0.22	0.71	0.09	0.20	0.08	0.19
JHARKHAND													
	Jharkhand												
	Dhanbad	0.16	0.48	...	0.16	1.18	0.60	0.63	0.93	0.05	0.30	0.27	1.55
	Godda	...	...	...	...	...	3.04	...	1.19	...	0.40	...	0.18
	Hazaribagh	...	0.53	0.16	0.66	1.11	0.35	...	0.43	0.08	0.13	0.20	0.35
	Ranchi	...	...	...	...	...	0.80	...	0.34	...	0.10	...	0.17
	Bokaro	0.31	0.21	0.21	0.23	0.62	0.83	...	0.47	0.07	0.15	0.23	0.46
	Chatra	...	1.00	...	0.44	...	1.00	1.13	0.88	0.13	0.27	0.05	0.11
TOTAL : JHARKHAND		0.15	0.38	0.06	0.18	1.10	0.64	0.35	0.74	0.06	0.23	0.15	0.62
MADHYA PRADESH													
	Madhya Pradesh												
	Betul	0.25	...	...	0.21	...	...	...	...	0.06	...	0.31	...
	Chhindwara	...	...	...	...	1.41	...	1.23	1.29	...	0.41	...	2.36
	Shahdol	...	...	...	...	0.49	5.43	0.37	0.65	...	0.19	...	0.94
	Sidhi	...	...	...	...	...	0.17	...	0.11	...	0.03	...	0.03
	Umaria	...	...	...	...	1.68	...	1.09	1.52	...	0.47	...	3.00
	Anuppur	1.57	5.41	...	2.02	1.57	...	...	1.01	0.56	0.28	2.12	1.06
	Singrauli	...	2.79	4.57	3.46	...	11.14	...	6.92	1.11	2.21	0.53	1.07
TOTAL : MADHYA PRADESH		0.08	0.26	0.08	0.11	0.76	1.15	0.39	0.73	0.03	0.22	0.09	0.57

Sl. No.	Mineral/State/ District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed				Rate per Lakh Manshift		Rate per Million Tonnes	
		B. G.	O. C.	A. G.	Overall	B. G.	O. C.	A. G.	Overall	Death S/Inj.	Death S/Inj.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
MAHARASHTRA													
	Chandrapur	0.20	0.27	0.14	0.19	1.38	1.91	0.29	1.02	0.06	0.30	0.13	0.71
	Nagpur	...	2.11	0.46	0.43	1.54	4.23	...	1.43	0.13	0.43	0.49	1.65
	Yavatmal	1.32	...	0.65	0.42	5.26	0.81	4.58	2.74	0.13	0.85	0.15	0.96
TOTAL : MAHARASHTRA		0.21	0.42	0.28	0.29	1.75	1.84	0.84	1.42	0.09	0.42	0.19	0.92
ORISSA													
	Angul	...	0.19	0.54	0.28	1.96	0.56	...	0.56	0.08	0.16	0.06	0.12
	Jharsuguda	...	...	0.52	0.14	1.04	0.40	...	0.55	0.04	0.16	0.03	0.11
TOTAL : ORISSA		...	0.11	0.51	0.21	1.36	0.45	...	0.52	0.06	0.15	0.04	0.10
UTTAR PRADESH													
	Sonebhadra	...	0.32	0.42	0.35	...	0.16	...	0.12	0.11	0.04	0.11	0.04
TOTAL : UTTAR PRADESH		...	0.32	0.42	0.35	...	0.16	...	0.12	0.11	0.04	0.11	0.04
WEST BENGAL													
	Bankura	...	...	...	...	...	...	4.52	1.22	...	0.39	...	1.19
	Burdwan	0.12	1.00	...	0.15	1.72	1.25	0.89	1.44	0.05	0.45	0.39	3.73
	Purulia	...	...	...	...	...	...	2.04	0.60	...	0.20	...	5.59
TOTAL : WEST BENGAL		0.11	0.94	...	0.14	1.64	1.17	0.96	1.40	0.04	0.44	0.37	3.61
ALL INDIA : COAL		0.13	0.37	0.13	0.18	2.23	1.00	0.80	1.56	0.06	0.49	0.11	0.97
2. LIGNITE													
TAMIL NADU													
	Cuddalore	...	0.31	...	0.22	...	0.31	0.77	0.44	0.07	0.14	0.08	0.17
TOTAL : TAMIL NADU		...	0.31	...	0.22	...	0.31	0.77	0.44	0.07	0.14	0.08	0.17
ALL INDIA : LIGNITE		...	0.21	...	0.15	...	0.21	0.57	0.31	0.05	0.10	0.05	0.10
ALL INDIA : ALL COAL		0.13	0.35	0.13	0.18	2.23	0.91	0.79	1.52	0.06	0.47	0.11	0.92

STATEMENT NO. 5.7a

Number of accidents and placewise casualties/seriously injured persons in coal mines for different companies in 2011

Company	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured													
			Below Ground			Opencast			Above Ground		Total		Below Ground			Opencast			Above Ground		Total	
	Fatal	Serious	Male	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
BCCL	6	36	4	3	0	0	0	7	30	3	0	9	0	42								
CCL	6	16	1	3	0	2	0	6	7	8	0	1	0	16								
ECL	8	84	4	4	0	0	0	8	63	8	0	17	0	88								
MCL	4	10	0	1	0	3	0	4	6	4	0	0	0	10								
NCL	5	5	0	3	0	2	0	5	0	6	0	0	0	6								
NEC	2	0	0	2	0	0	0	2	0	0	0	0	0	0								
SECL	11	41	6	3	0	2	0	11	26	11	0	5	0	42								
WCL	8	42	3	3	0	3	0	9	24	13	0	11	0	48								
TOTAL : C. I. L.	50	234	18	22	0	12	0	52	156	53	0	43	0	252								
IISCO	1	2	0	1	0	0	0	1	2	1	0	0	0	3								
NLC	2	4	0	2	0	0	0	2	0	2	0	2	0	4								
SCCL	8	293	5	2	0	1	0	8	239	22	0	36	0	297								
TISCO	3	0	1	2	0	0	0	3	0	0	0	0	0	0								
JPL	1	0	0	1	0	0	0	1	0	0	0	0	0	0								
TOTAL : NON-C. I. L.	15	299	6	8	0	1	0	15	241	25	0	38	0	304								
TOTAL : ALL INDIA	65	533	24	30	0	13	0	67	397	78	0	81	0	556								

STATEMENT NO. 5.7b
Casualty/serious injury rates in coal mines for different companies in 2011

Company	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed				Rate per Lakh Manshift		Rate per Million Tonnes of Coal	
	B. G.	O. C.	A. G.	Overall	B. G.	O. C.	A. G.	Overall	Death	S/Inj.	Death	S/Inj.
1	2	3	4	5	6	7	8	9	10	11	12	13
BCCL	0.17	0.37	...	0.15	1.28	0.37	0.65	0.92	0.05	0.29	0.23	1.35
CCL	0.13	0.26	0.16	0.19	0.91	0.70	0.08	0.50	0.06	0.16	0.12	0.33
ECL	0.11	1.03	...	0.13	1.68	2.05	0.88	1.45	0.04	0.45	0.28	3.06
MCL	...	0.11	0.52	0.21	1.36	0.45	...	0.53	0.06	0.15	0.04	0.10
NCL	...	0.24	0.34	0.27	...	0.48	...	0.33	0.08	0.10	0.08	0.09
NEC	...	2.44	...	0.96	...	...	...	...	0.31	...	2.66	...
SECL	0.19	0.61	0.14	0.21	0.81	2.24	0.34	0.81	0.06	0.23	0.10	0.37
WCL	0.16	0.44	0.23	0.23	1.29	1.90	0.85	1.25	0.07	0.38	0.20	1.08
TOTAL : C. I. L.	0.14	0.38	0.14	0.19	1.25	0.92	0.50	0.94	0.06	0.29	0.12	0.59
IISCO	...	1.67	...	0.50	2.33	1.67	...	1.51	0.17	0.50	1.24	3.71
NLC	...	0.30	...	0.21	...	0.30	0.77	0.43	0.07	0.14	0.08	0.17
SCCL	0.11	0.16	0.11	0.12	5.38	1.80	4.09	4.54	0.04	1.51	0.10	3.81
TISCO	0.18	1.40	...	0.39	...	...	...	...	0.13	...	0.28	...
JPL	...	2.17	...	3.97	...	...	...	...	1.28	...	8.48	...
TOTAL : NON-C. I. L.	0.11	0.28	0.06	0.15	4.50	0.88	2.33	3.09	0.05	1.01	0.08	1.70
TOTAL : ALL INDIA	0.13	0.35	0.13	0.18	2.23	0.91	0.79	1.52	0.06	0.47	0.11	0.92

- Placewise employment figures not available.

STATEMENT NO. 5.8

Number of accidents and casualties/seriously injured persons in coal mines by place and detailed cause in 2011

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL					
	Fatal Accident S/Accident					Fatal Accident S/Accident					Fatal Accident S/Accident					Fatal Accident S/Accident					
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Fall of Roof	11	12	6	16	18	0	0	0	0	0	0	0	0	0	0	11	12	6	16	18	
Fall of Sides (Other than Overhangs)	2	2	1	20	21	0	0	0	3	3	0	0	0	0	0	2	2	1	23	24	
Landslide	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	2	2	1	0	0	
TOTAL : GROUND MOVEMENT	13	14	7	36	39	2	2	1	3	3	0	0	0	0	0	15	16	8	39	42	
Overwinding of Cages/Skip etc. (upgoing)	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	
Breakage of Rope, Chain, Craw/Susp'n. Gear	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	2	2	
Hit by Cages, Skip etc.	1	1	0	4	4	0	0	0	0	0	0	0	0	2	2	1	1	0	6	6	
Overwinding of Cages/Skip (downgoing)	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Other Accident due to Winding Operation	0	0	0	3	4	0	0	0	0	0	0	0	0	1	1	0	0	0	4	5	
TOTAL : TRANSPORTATION MACHINERY (WINDING)	1	1	0	9	14	0	0	0	0	0	0	0	0	5	5	1	1	0	14	19	
Rope Haulage	3	3	0	48	48	0	0	0	4	4	0	0	0	2	2	3	3	0	54	54	
Conveyors	1	1	0	10	11	0	0	0	0	0	1	1	0	1	1	2	2	0	11	12	
Dumpers	0	0	0	0	0	14	14	0	7	7	5	5	0	1	1	19	19	0	8	8	
Wheeled Trackless(Truck, Tanker, etc.)	0	0	0	5	5	4	5	2	6	7	0	0	0	5	5	4	5	2	16	17	
TOTAL : TRANSPORTATION MACHINERY (NON-WINDING)	4	4	0	63	64	18	19	2	17	18	6	6	0	9	9	28	29	2	89	91	
Drilling Machines	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
Cutting Machines	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	
Loading Machines	2	2	0	1	1	1	1	0	0	0	2	2	0	0	0	5	5	0	1	1	
Shovel, Draglines, Frontend Loader, etc.	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
Other Heavy Earth Moving Machinery	0	0	0	0	0	1	1	0	9	10	0	0	0	1	1	1	1	0	10	11	
Other Non-Transportation Machinery	0	0	0	8	8	0	0	0	1	1	0	0	0	4	4	0	0	0	13	13	
TOTAL : MACHINERY OTHER THAN TRANSP. MACHINERY	2	2	0	17	17	2	2	0	10	11	2	2	0	6	6	6	6	6	0	33	34

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident S/Accident					Fatal Accident S/Accident					Fatal Accident S/Accident					Fatal Accident S/Accident				
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Deep Hole Blasting Projectiles	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Other Projectiles	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Misfires/Sockets(While Drilling into)	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Other Explosive Accidents	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : EXPLOSIVES	0	0	0	2	3	1	1	0	1	1	0	0	0	0	0	1	1	0	3	4
Overhead Lines	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Power Cables Other Than Trailing Cables	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0
Other Electrical Accidents	0	0	0	0	0	0	0	0	1	1	2	2	0	0	0	2	2	0	1	1
TOTAL : ELECTRICITY	1	1	0	0	0	0	0	0	0	1	4	4	0	0	0	5	5	0	1	1
Fall of Person from Height/into Depth	0	0	0	107	108	1	1	0	26	26	0	0	0	25	25	1	1	0	158	159
Fall of Persons on the Same Level	0	0	0	7	7	0	0	0	0	0	0	0	0	2	2	0	0	9	9	
Fall of Objects incl. Rolling Objects	1	1	0	62	62	3	3	0	3	3	0	0	0	9	9	4	4	0	74	74
Other Accidents due to Falls	0	0	0	5	5	0	0	0	1	1	0	0	0	0	0	0	0	0	6	6
TOTAL : FALLS (OTHER THAN FALL OF GROUND)	1	1	0	181	182	4	4	0	30	30	0	0	0	36	36	5	5	0	247	248
Flying Pieces(Except due to Explosives)	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Drowning in Water	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	0	0	0
Buried in Sands, etc.	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Unclassified	0	0	0	70	70	1	1	0	10	10	1	1	0	25	25	2	2	0	105	105
TOTAL : OTHER CAUSES	1	1	0	71	71	2	2	0	11	11	1	1	0	25	25	4	4	0	107	107
ALL INDIA : ALL COAL	23	24	7	379	390	29	30	3	73	75	13	13	0	81	81	65	67	10	533	546

STATEMENT NO. 5.9

Number of fatal accidents in coal mines by major cause and responsibility during the year 2011

Responsibility / Major Cause Group	1	2	3	4	5	6	7	8	9	Total	
Misadventure	-	-	1	-	-	-	-	-	1	1	3
Management	-	-	3	1	-	-	-	-	1	-	5
Management & Sub. Sup. Staff (SSS)	11	-	3	1	-	1	-	-	2	18	
Management, SSS & Coworker	-	-	3	-	-	-	-	-	1	-	4
Management, SSS & Deceased	-	-	2	-	-	-	-	-	-	2	
Management & Coworker	-	-	2	-	-	-	-	-	-	2	
Management, Coworker & Deceased	-	-	1	-	-	-	-	-	1	-	2
Management & Deceased	-	-	2	-	-	-	-	-	-	-	2
Management & Contractor's Worker	-	-	-	1	-	-	-	-	-	-	1
Subordinate Supervisory Staff (SSS)	2	-	-	-	-	1	-	-	1	4	
Sub. Sup. Staff & Coworker	-	-	-	1	-	-	-	-	-	-	1
Sub. Sup. Staff, Coworker & Deceased	-	-	-	1	-	-	-	-	-	-	1
Sub. Sup. Staff & Deceased	2	-	1	1	1	-	-	-	-	-	5
Coworker	-	-	4	-	-	2	-	-	-	-	6
Coworker & Deceased	-	1	3	-	-	1	-	-	-	-	5
Deceased	-	-	3	-	-	-	-	-	1	-	4
Total	15	1	28	6	1	5	0	5	4	65	

STATEMENT NO. 5.10

Causewise number of fatal accidents in coal mines for different companies in 2011

Cause/Company	BCCL	CCL	ECL	MCL	NCL	NEC	SECL	WCL	CIL	SCCL	IISCO	NLC	TISCO	OTHERS	TOTAL
Fall of Roof	1	--	2	--	--	--	4	1	8	3	--	--	--	--	11
Killed-S/Injured :	2- 1	--	2- 1	--	--	--	4- 0	1- 2	9- 4	3- 2	--	--	--	--	12- 6
Fall of Sides	--	--	1	--	--	--	--	--	1	1	--	--	--	--	2
Killed-S/Injured :	--	--	1- 1	--	--	--	--	--	1- 1	1- 0	--	--	--	--	2- 1
Rope Haulage	2	--	--	--	--	--	--	--	2	1	--	--	--	--	3
Killed-S/Injured :	2- 0	--	--	--	--	--	--	--	2- 0	1- 0	--	--	--	--	3- 0
Dumpers	1	2	3	2	2	--	4	2	16	1	--	--	1	1	19
Killed-S/Injured :	1- 0	2- 0	3- 0	2- 0	2- 0	--	4- 0	2- 0	16- 0	1- 0	--	--	1- 0	1- 0	19- 0
Trucks	--	--	--	--	1	1	--	1	3	--	--	1	--	--	4
Killed-S/Injured :	--	--	--	--	1- 0	1- 0	--	2- 2	4- 2	--	--	1- 0	--	--	5- 2
Other Machinery	1	1	1	1	--	--	2	2	8	--	--	--	1	--	9
Killed-S/Injured :	1- 0	1- 0	1- 0	1- 0	--	--	2- 0	2- 0	8- 0	--	--	--	1- 0	--	9- 0
Explosives	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1
Killed-S/Injured :	--	--	--	--	--	--	--	--	--	--	--	1- 0	--	--	1- 0
Fall of Persons	--	--	--	--	--	--	--	1	1	--	--	--	--	--	1
Killed-S/Injured :	--	--	--	--	--	--	--	1- 0	1- 0	--	--	--	--	--	1- 0
Fall of Objects	1	1	--	--	1	--	--	1	4	--	--	--	--	--	4
Killed-S/Injured :	1- 0	1- 0	--	--	1- 0	--	--	1- 0	4- 0	--	--	--	--	--	4- 0
Other Causes	--	2	1	1	1	1	1	--	7	2	1	--	1	--	11
Killed-S/Injured :	--	2- 0	1- 0	1- 0	1- 0	1- 0	1- 0	--	7- 0	2- 0	1- 1	--	1- 0	--	11- 1
Below Ground	3	1	4	--	--	--	6	3	17	5	--	--	1	--	23
Killed-S/Injured :	4- 1	1- 0	4- 2	--	--	--	6- 0	3- 2	18- 5	5- 2	--	--	1- 0	--	24- 7
Opencast	3	3	4	1	3	2	3	2	21	2	1	2	2	1	29
Killed-S/Injured :	3- 0	3- 0	4- 0	1- 0	3- 0	2- 0	3- 0	3- 2	22- 2	2- 0	1- 1	2- 0	2- 0	1- 0	30- 3
Above Ground	--	2	--	3	2	--	2	3	12	1	--	--	--	--	13
Killed-S/Injured :	--	2- 0	--	3- 0	2- 0	--	2- 0	3- 0	12- 0	1- 0	--	--	--	--	13- 0
TOTAL	6	6	8	4	5	2	11	8	50	8	1	2	3	1	65
Killed-S/Injured :	7- 1	6- 0	8- 2	4- 0	5- 0	2- 0	11- 0	9- 4	52- 7	8- 2	1- 1	2- 0	3- 0	1- 0	67- 10

STATEMENT NO. 5.11

Causewise number of serious accidents in coal mines for different companies in 2011

Cause/Company	BCCL	CCL	ECL	MCL	NCL	NEC	SECL	WCL	CIL	SCCL	IISCO	NLC	TISCO	OTHERS	TOTAL	
Fall of Roof	1	2	4	1	--	--	1	--	9	6	1	--	--	--	16	
S/Injured	:	1	2	5	1	--	1	--	10	7	1	--	--	--	18	
Fall of Sides	2	--	3	1	--	--	2	4	12	11	--	--	--	--	23	
S/Injured	:	2	--	3	1	--	2	5	13	11	--	--	--	--	24	
Rope Haulage	1	--	9	--	--	--	3	3	16	38	--	--	--	--	54	
S/Injured	:	1	--	9	--	--	3	3	16	38	--	--	--	--	54	
Dumpers	2	3	1	--	--	--	--	--	6	2	--	--	--	--	8	
S/Injured	:	2	3	1	--	--	--	--	6	2	--	--	--	--	8	
Trucks	--	--	1	2	1	--	1	3	8	5	--	3	--	--	16	
S/Injured	:	--	--	1	2	2	--	1	3	9	5	--	3	--	17	
Other Machinery	7	2	4	2	1	--	9	6	31	26	--	1	--	--	58	
S/Injured	:	12	2	5	2	1	--	10	6	38	26	--	1	--	65	
Explosives	--	--	--	1	--	--	--	1	2	1	--	--	--	--	3	
S/Injured	:	--	--	--	1	--	--	2	3	1	--	--	--	--	4	
Fall of Persons	12	2	29	3	2	--	18	14	80	86	1	--	--	--	167	
S/Injured	:	12	2	29	3	2	--	18	14	80	87	1	--	--	168	
Fall of Objects	2	1	11	--	--	--	3	3	20	54	--	--	--	--	74	
S/Injured	:	2	1	11	--	--	3	3	20	54	--	--	--	--	74	
Other Causes	9	6	22	--	1	--	4	8	50	64	--	--	--	--	114	
S/Injured	:	9	6	22	--	1	--	4	8	50	64	--	--	--	114	
Below Ground	24	7	60	6	--	--	25	20	142	235	2	--	--	--	379	
S/Injured	:	29	7	61	6	--	26	22	151	237	2	--	--	--	390	
Opencast	3	8	7	4	5	--	11	11	49	22	--	2	--	--	73	
S/Injured	:	3	8	8	4	6	--	11	11	51	22	--	2	--	75	
Above Ground	9	1	17	--	--	--	5	11	43	36	--	2	--	--	81	
S/Injured	:	9	1	17	--	--	5	11	43	36	--	2	--	--	81	
TOTAL	36	16	84	10	5	--	41	42	234	293	2	4	--	--	533	
S/Injured	:	41	16	86	10	6	--	42	44	245	295	2	4	--	--	546

□□

STATEMENT NO. 5.12

Regionwise/zonewise number of accidents and resultant casualties/seriously injured persons in coal mines in 2011

Region / Zone	Fatal Accidents			Serious Accidents	
	2011			2011	
	No. of Accident	Killed	S/Injured	No. of Accident	S/Injured
Dhanbad I	1	1	--	12	12
Dhanbad II	4	5	3	16	17
Dhanbad III	2	2	--	15	19
Koderma	3	3	--	6	6
Central Zone	10	11	3	49	54
Guwahati	2	2	--	--	--
Sitarampur I	1	1	--	32	33
Sitarampur II	1	1	--	20	20
Sitarampur III	7	7	1	27	28
Eastern Zone	11	11	1	79	81
Varanasi	5	5	--	5	6
Northern Zone	5	5	--	5	6
Hyderabad I	6	6	2	191	193
Hyderabad II	2	2	--	102	102
South-Central Zone	8	8	2	293	295
Bhubaneswar	4	4	--	10	10
Ranchi	5	5	--	10	10
South-Eastern Zone	9	9	--	20	20
Chennai	2	2	--	4	4
Southern Zone	2	2	--	4	4
Bilaspur	10	10	--	22	23
Jabalpur	2	2	--	19	19
Nagpur I	3	4	2	16	17
Nagpur II	5	5	2	26	27
Western Zone	20	21	4	83	86
ALL INDIA	65	67	10	533	546

STATEMENT NO. 5.13

Summary of Findings of Fatal Accidents during the year, 2011

Code : 0100 Ground Movement

**Code : 0111 Fall of Roof
(12 Deaths)**

1. Date – 11/01/11

Mine – KUMBHARKHANI U/G

Time – 13.30

Owner – Western Coalfields Ltd.

Dist. – Yavatmal, State – Maharashtra

Person(s) Killed :

1. Nishant Ashok Todekar, Roof Bolter, Male, 27 Years

While three workers were engaged in roof bolting operation in a development working below freshly exposed roof, a mass of coal measuring about 2.2m X 2.7m X 0.3m fell from a height of 3.0m on them inflicting serious injuries to all, one of them later succumbed to his injuries within an hour.

Had temporary support been erected for drilling of holes for roof bolting as required under clause 2.4 of Annexure – B 108 of letter No. NR-II/2419 dated 26.04.2010 issued under Regulation 108 of the Coal Mines Regulations, 1957, the accident could have been averted.

2. Date – 21/02/11

Mine – CHURCHA COLLIERY

Time – 19.30

Owner – South Eastern Coalfields Ltd.

Dist. – Korea, State – Chhattisgarh

Person(s) Killed :

1. Santlal, Dresser Cat-IV, Male, 57 Years

While a dresser engaged in dressing roof of coal face of development workings of a colliery on his own was attempting to escape in panic from falling roof rocks measuring about 2.5m X 1.1m X 0.04-0.05m parted form a height of about 3.0m some how lost balance and fell down on his back resulting serious bodily injuries that proved fatal after about 3 hours and 20 minutes in Hospital.

Had

- i) the person carefully examined his working place before commencing dressing of roof of development face as required under Regulation 115(2) read with Regulation 38(1) of the Coal Mines Regulations, 1957
- ii) the dressing of roof of development face been carried out with due precautions as required under Regulation 44(6) (b) of the Coal Mines Regulations, 1957 and
- iii) the prompt attention been given for dressing of roof of development face and it been ensured that sub-ordinate official and competent persons carry out their respective duties in a proper manner as required under Regulation 43(6) & 43(1)(d) of the Coal Mines Regulations, 1957,

this accident could have been averted.

3. Date - 26/02/11
Time - 22.50

Mine - KUMARDHUBI
Owner - Eastern Coalfields Ltd.
Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Badal Bowri, Miner Loader, Male, 48 Years

While a pump operator was applying mud on the joints of the suction pipe of the face pump to close the leakage through the same and a cable man was arranging the SDL cable in an underground coal mine, suddenly a mass of the coal roof measuring about 3.8m (length) X 3.4m(wide) X 0.3m(thick), parted off and fell down from a height of 3.3m inflicting serious bodily injuries to both of them, to which one of them succumbed within about an hour and half.

Had the roof of the dip gallery been examined and made secured as required under the provisions of SSR framed under Regulation 108 read with Regulation 102 of the Coal Mines Regulations, 1957, this accident could have been averted.

4. Date - 17/04/11
Time - 21.00

Mine - GDK 1&3 INCLINE
Owner - Singareni Collieries Company Ltd.
Dist. - Karimnagar, State - Andhra Pradesh
Person(s) Killed :

1. K. Ramaswamy, Supportman, Male, 50 Years

While a group of four persons supporting the heightened roof, suddenly a coal roof layer measuring about 2.6m X 2.6m X 0.25m fell from a height of 4.54m from the floor, resulting fatal injuries to one person, serious bodily injuries to another person, Two persons escaped unhurt.

Had

i) the roof has been kept supported under the personal supervision of competent persons as required under the provisions of Regulation 43(1)(d), Regulation 44(3)(a) read with Regulation 102(1) of CMR, 1957 and

ii) the official of the mine inspected the working face and performed such other duties as prescribed in that behalf under the Mines Act, the Regulations, orders made there under as required under the provisions of Regulation 42(2) read with Regulation 102(1) of CMR, 1957

this accident could have been averted.

5. Date - 04/06/11
Time - 08.40

Mine - MAHAMAYA UG MINE
Owner - South Eastern Coalfields Ltd.
Dist. - Korea, State - Chhattisgarh
Person(s) Killed :

1. Bhulsai Prasad, Support Personal, Male, 51 Years

While a roof bolter was carrying a drill machine over the blasted loose coal lying on the floor of the gallery connected in the previous shift for drilling holes at another face, a piece of shaly stone measuring about 190 to 270 cm X 95 to 140 cm X 4 to 25 cm fell down from the roof from a height of about 2.25 m, inflicting serious bodily injuries to him to which he succumbed later on.

Had,

the layer of shaly sand stone been brought down by blasting or by dressing as was the regular practice in the mine or the layer of shaly sand stone been made and kept secured providing artificial support as

required under the provision of Regulation 102(1) and Systematic Support Rules framed under the provisions of Regulation 108 of the Coal Mines Regulation, 1957; this accident could have been averted.

6. Date - 22/06/11

Mine - JHILIMILI

Time - 09.15

Owner - South Eastern Coalfields Ltd.

Dist. - Korea, State - Chhattisgarh

Person(s) Killed :

1. Sant Lal, Support Mistry, Male, 40 Years

While a Support Mistry alongwith two helpers was dressing the roof at a development face of a colliery, a chunk of sandstone measuring about 2m X 2m X 0.2m thick parted from the roof near a visible slip plane from a height of about 1.7m and fell upon him, inflicting serious bodily injuries to which he succumbed within next one hour, whereas one of his helper received reportable injuries and other escaped unhurt.

Had

i) the dressing/supporting of disturbed roof near slip plane been done under the constant supervision of an official as required under Regulation 43(1)(a), (d)&(e), 108(5) and 108(1)(bb) of CMR, 1957 read with SSR framed thereunder.

ii) it not been negligently omitted to take adequate precautions while dressing a disturbed roof near slip plane as required under Regulation 190 of CMR, 1957,

this accident could have been averted.

7. Date - 24/07/11

Mine - PATHARDIH

Time - 02.00

Owner - Bharat Coking Coal Ltd.

Dist. - DHANBAD, State - Jharkhand

Person(s) Killed :

1. Sudhir Bauri, Loader, Male, 44 Years
2. Shankar Manjhi, Loader, Male, 43 Years

While a group of 4 loaders were loading the blasted coal, a mass of shaly sandstone roof measuring 3.8m X 1.70m X 0.20m thick parted from the roof and fell on the loaders from a height of 3.9m inflicting serious injuries to which one of them succumbed to his injuries after a little while, the second loader on the way to hospital, third loader suffered reportable injuries and the fourth loader escaped unhurt.

Had the workings been supported as per approved Systematic Support Rules enclosed with the permission letter No. R-2/010219/P-22-07/679 dated 31.03.2008 as required under Regulation 108 of the Coal Mines Regulations, 1957, this accident could have been averted.

8. Date - 06/08/11

Mine - VAKILPALLI MINE

Time - 23.30

Owner - Singareni Collieries Company Ltd.

Dist. - Karimnagar, State - Andhra Pradesh

Person(s) Killed :

1. Arigala Satyanarayana, Timberman, Male, 50 Years

While three persons were carrying support work in the roof of a development face, a stone layer measuring about 2.6m(length)X2.15m(width)X0.03m to 0.28m(thick) fell from a height of about 2.4m causing fatal injuries to one worker and serious bodily injuries to another worker. The third person escaped unhurt.

Had the roof of the development face been made and kept secured in accordance with the Systematic Support Rules framed under the provisions of Reg. 108 of CMR, 1957, and the work was carried out as required under the provisions of Reg. 44(8) of CMR, 1957, this accident could have been averted.

9. Date - 24/09/11

Time - 19.30

Mine - JHANJRA SHAFT & MAIN INCLINE

Owner - Eastern Coalfields Ltd.

Dist. - Burdwan, State - West Bengal

Person(s) Killed :

1. Sanjay Yadav, Explosive Carrier, Male, 25 Years

While a shotfirer along with three helpers were charging shot holes at a development face and upon getting indication of an impending danger or roof fall, wanted to escape through immediate out-bye junction, got obstructed by a falling mass of roof coal measuring 1.2m X 1.2m X 1.0m(thick), fell at a height of about 2.7m in which one of them received serious bodily injuries and died almost instantly. The others could escape unhurt.

Had the roof of development gallery made and kept secured by installing roof bolts with adequate density and erecting additional support to take care of Geological disturbances, as per provisions of SSR framed under the Regulations 108 of the Coal Mines Regulations, 1957, the accident could have been averted.

10. Date - 07/10/11

Time - 13.20

Mine - JHIRIA U/G MINE

Owner - South Eastern Coalfields Ltd.

Dist. - Anuppur, State - Madhya Pradesh

Person(s) Killed :

1. Baldeo, Supp. Mistry(Driller), Male, 55 Years

While a crew of three drillers were drilling shot-holes in the rib of a slice in a depillaring district of a belowground mine, shally sand stone roof measuring about 1.3m X 0.40m X 0.08m to 0.15m(thick) parted from a height of about 1.95m and one of them was partly buried under fallen mass, inflicting serious bodily injuries to him which proved fatal in a few minutes. The other two drillers escaped with minor injuries.

Had the roof of the slice been supported and thus made and kept secure as required by the condition No. 2.0(a) of the approved Systematic Support Rule under Reg. 108 of the permission granted under Reg. 100(1) of the Coal Mines Regulations, 1957 vide this Directorate's letter No. JR/010503/Permission 29/2011/2644 dated 05.07.2011, this accident could have been averted.

11. Date - 14/12/11

Time - 08.00

Mine - GODAVARI KHANI NO. 5

Owner - Singareni Collieries Company Ltd.

Dist. - Karimnagar, State - Andhra Pradesh

Person(s) Killed :

1. Kallepalli Malliah,Dresser, Male, 50 Years

While two persons were carrying roof dressing work in a depillaring face, a stone layer measuring about 1.15m(length) X 1.05m(width) X 0.13m(thick) fell from a height of about 2.7m causing serious bodily injuries to one worker who succumbed later. Another worker escaped unhurt.

Had the roof of the working place been made and kept secure as required under clause no. 3.3 of the framed Systematic Support Rule under Regulation 108 of CMR, 1957 and persons are kept under general

supervision of a overman as required under Reg. 36(1) (b) of CMR, 1957 read with Sec. 18(1) & (4) of Mines Act, 1952, this accident could have been averted.

Code : 0112

**Fall of Sides (Other than Overhangs)
(2 Deaths)**

12. Date - 13/01/11
Time - 11.45

Mine - RAVINDRA KHANI NO. 6
Owner - Singareni Collieries Company Ltd.
Dist. - Adilabad, State - Andhra Pradesh
Person(s) Killed :

1. Mekala Balaiah, Coal Filler, Male, 46 Years

While a coal filler (acting cable boy) was observing the master pin of the SDL track chain for its effectiveness at a junction in a caving panel of a coal mine, suddenly a piece of coal measuring 1.95m X 1.20m X 0.65m thick fell on him from a height of about 1.45 meters from the rise side and hit him inflicting serious injuries to which he succumbed instantaneously.

Had the sides of the junction been examined, made and kept secure by proper dressing as required under the Reg. 102 of the Coal Mines Regulations, 1957, and also the side stitch on the rise side of the slice junction been re-tightened and supported after the blasting by the lagging placed at 1.2 meter interval against the side stitch as required under the condition No. 8.0(d) & 7.0(b) (i) of the Annexure 108/2 of the Systematic Support Rules framed under Reg. 108 of the Coal Mines Regulations, 1957, and which was approved for the workings of the depillaring panel vide this Directorate's letter No. HR2 (SCZ)/010025/Perm-06(10)/2010/1204 dated 20.05.2010, this accident could have been averted.

13. Date - 23/02/11
Time - 10.45

Mine - DALURBAND
Owner - Eastern Coalfields Ltd.
Dist. - Burdwan, State - West Bengal
Person(s) Killed :

1. Dhiren Bouri, UG Loader, Male, 45 Years

While four underground loaders were loading fallen coal by hand shoveling, a piece of shale fell down from the side at a height of 3.96m over the heap of fallen coal and broke into pieces of which a piece measuring 1.2m X 0.46m X 0.25m bounced and struck on the right leg & pelvis portion of one of the loaders, inflicting serious bodily injuries which proved fatal after about an hour. The other loader escaped with reportable injuries.

Had

i) the sides been secured adequately by dressing and supporting the newly exposed roof and sides in the vicinity of fall, as required under Reg. 109(8) (b) and Reg. 44(3) (a) and mining sirdar not allowed parallel activity of dressing, stone breaking and loading of fallen coal in 1st dip/16 level as required under Reg. 190 of Coal Mines Regulations, 1957 and

ii) the Overman ensured that the subordinate officials and competent persons in his district carried out their respective duties in a proper manner and also not failed in giving such directions to ensure compliance with the provisions to secure the safety of the district & the safety and proper discipline of the persons employed therein under Regulation 43(1) (d) & (e) and 109(8) (b) of Coal Mines Regulations, 1957

this accident could have been averted.

**Code : 0118 Landslide
(2 Deaths)**

14. Date - 09/03/11
Time - 16.45

Mine - CHASNALLA
Owner - Indian Iron & Steel Company Ltd.
Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Baijyanath Mahato, Dumper Optr., Male, 24 Years

While drain cutting was being done at the toe of an overburden bench with the help of an excavator in an opencast coal mine, portion of the benches measuring 44m long X 44m wide X 4.0m to 10m thick suddenly collapsed up to a height of 16m partially burying a shovel and pushed two dumpers; one up to 21m distance tilting it sideways and burying it entombing the operator on the spot and the other dumper to the edge of the bench up to 12m distance whose operator escaped unhurt and the shovel operator helper fleeing the collapse area fell down and received serious leg injury.

Had the condition of the workings at the overburden benches been studied and examined properly finding its vulnerability to collapse and not allowed the draing cutting work to be carried out thus not disturbing them and preventing their collapse thus not negligently omitting to do what was necessary as required under Regulation 190 read with Regulations 41(1), 41.A(1)(b) (iii), 42(2), 43(1)(e) & 44(3)(a) of the Coal Mines Regulations, 1957, this accident could have been averted.

15. Date - 14/06/11
Time - 06.55

Mine - DALURBAND OC
Owner - Eastern Coalfields Ltd.
Dist. - Burdwan, State - West Bengal
Person(s) Killed :

1. Sanjoy Rawat, Machine Helper Contr., Male, 30 Years

While an excavator was engaged on overburden bench consisting of alluvial & morrum, of height 11.5m, all on a sudden the overburden bench slid for a lenght of 8m, width 6m and thickness varying from 1.5m - 4m burying a person who had approached the excavator to fetch water bottle, which proved fatal instantly.

Had

i) the condition No. 2.2 (keeping the benches not more than the boom height of excavator) of permission letter No. 1787 dated 21.05.2008 and condition No.6 of permission letter No. 1395 dated 18.05.11 granted under Regulation 98(1) & (3) of Coal Mines Regulation, 1957 was strictly complied as required under Regulation 98(1) & (3) of Coal Mines Regulation, 1957.

ii) the opencast working been placed under the charge of a sirdar or other competent person and the manager had arranged that during the afternoon shift and the night shift, the mine was under the general supervision of an under manager or assistant manager, if any, and of an experienced overman in other cases, as required under Regulation 113(1) and 36(1)(b) respectively of Coal Mines Regulations, 1957, and

iii) the condition given in para 18, 20 (enclosed in Annexure-I) and special notes on terms & condition of NIT agreement No. 10/HQ/2008-2009 dated 29.12.2008 and work order No. ECL/HQ/CME/WO/Dalurbandh/Phase-IIOPC/711 dated 24.10.2008 read with the permission letter NO. 1787 dated 21.05.2008 and letter No. 1395 dated 18.05.2011 granted under Reg. 98(1) & (3) of the Coal Mines Regulations, 1957 been complied strictly by contractor,

this accident could have been averted.

Code : 0200 **Transportation Machinery (Winding)**

**Code : 0225 Hit by Cages, Skip etc.
(1 Death)**

16. Date - 08/11/11 Mine - WEST JHAGRAKHAND
Time - 11.30 Owner - South Eastern Coalfields Ltd.

Dist. - Korea, State - Chhattisgarh
Person(s) Killed :
1. Biju Singh, 2. Nabin Kumar, 3.

1. Badan Singh, Trammer, Male, 49 Years
While a trammer at the pit bottom was crossing the shaft from east to west during winding cycle, he was hit and pressed beneath descending south cage inflicting serious bodily injuries to which he succumbed after about 8 hours during treatment.

Had

- i) the trammer been used the bye pass provided for the purpose for to and fro travel on either side of the shaft and
 - ii) the onsetter not been left his post and warned the trammer not to cross the pit bottom of the shaft

the accident could have been averted.

Code : 0300 Transportation Machinery (Non-Winding)

Code : 0332 Rope Haulage (3 Deaths)

17. Date - 17/05/11 Mine - RAVINDRA KHANI NO. 7
Time - 06.15 Owner - Singareni Collieries Company Ltd.
Dist. - Adilabad, State - Andhra Pradesh
Person(s) Killed :

1. V. Ramaswamy, U/G Trammer, Male, 59 Years
While a Trammer was riding on the buffer in between the two tubs on an ascending set of tub in the haulage Dip of a depillaring panel of a coal mine, suddenly the tubs got derailed and his abdomen was pressed between two derailed tubs inflicting internal injuries to which he succumbed few hours later in a hospital.

Had set riding was not done on the ascending set of tubs and persons adhered to the direction issued by the manager and safety officer in this regard as required under Regulation 38(1) (a) read with Reg. 89(3) of the Coal Mines Regulations, 1957, this accident could have been averted.

18. Date - 23/08/11
Time - 06.20

Mine - BEGUNIA PROJECT
Owner - Bharat Coking Coal Ltd.
Dist. - Burdwan, State - West Bengal
Person(s) Killed :

1. Kamala Bhar, U/G Trammer, Male, 47 Years

While a haulage crew was moving along with the rolling set of tubs in a level haulage plane, he got trapped with moving set of tubs and received serious bodily injuries to which he succumbed instantly.

Had the worker willfully & negligently not moved with the moving set of tubs in the haulage plane and endangered his own life and safety by contravening the provision of Reg. 87(6)(f), Reg. 190 read with Reg. 38(1)(a) of CMR, 1957, this accident could have been averted.

19. Date - 15/10/11
Time - 18.20

Mine - NORTH TISRA
Owner - Bharat Coking Coal Ltd.
Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Ram Baran Chauhan, Foreman, Male, 54 Years

While a set of seven empty coal tubs and a trolley carrying bed frame was being lowered by a direct haulage, the trolley detached resulting in runaway of trolley and hitting a Foreman who succumbed to injury on the spot.

Had

i) the approved type attachment between the trolley and the coal tubs been used so as to obviate accidental disconnection as required under Regulation 89(1)(c) of the CMR, 1957, and

ii) lowering of trolley been done by the trammer on duty and not been allowed the job to the contractual workers, thus not negligently omitting to ensure safety of person as required by Regulation 190 of the CMR, 1957,

this accident could have been averted.

**Code : 0334 Conveyors
(2 Deaths)**

20. Date - 20/01/11
Time - 07.15

Mine - SATPURA NO 2
Owner - Western Coalfields Ltd.
Dist. - Betul, State - Madhya Pradesh
Person(s) Killed :

1. Hari, Conveyor Operator, Male, 54 Years

While a Conveyor Operator was cleaning spilled coal from bottom roller at loop take-up of a running conveyor belt with a hand shovel in an underground working of a colliery, the shovel was caught between torn belt and roller pulling in the operator in between return belt and loop take-up tie-bar inflicting almost instantaneous fatal injuries to him.

Had

- a) the conveyor belt not been cleaned or allowed to be cleaned while it was in motion, as required under Regulation 184(3) of the Coal Mines Regulations, 1957,
- b) the fencing guard been securely kept in position, to prevent danger to the persons coming in contact with the dangerous exposed moving parts at loop take up system of the conveyor belt whilst it was in motion, as required under Regulation 184(2) of the Coal Mines Regulations, 1957,
- c) sufficient clearances, between the bottom roller and floor of gallery at drive head and loop take up of the belt conveyor, been provided and maintained to clean the spillage as required under condition No. 3 of the DGMS Cir. No. 11 of 1974 read with Regulation 92(4) of the Coal Mines Regulations, 1957, and
- d) the torn conveyor belt not been used as required under the provision of condition No. 4(b) of DGMS Cir. No. 11 of 1974 read with Regulation 92(4) of the Coal Mines Regulations, 1957,

this accident could have been averted.

21. Date - 24/02/11

Mine - GIDI A

Time - 08.10

Owner - Central Coalfields Ltd.

Dist. - Hazaribagh, State - Jharkhand

Person(s) Killed :

1. Hasan Khan, Mech. Fitter, Male, 54 Years

While a Mechanical Fitter was adjusting screw bolts of tension pulley of conveyor belt with the help of undersize spanner in a bid to tighten the belt, the spanner got slipped letting the fitter loose his balance and fall on a running belt located 1.25 meters below the tension pulley. The body of the mechanical fitter was carried away by the running belt, got struck with the chute and passed across it resulting in to serious bodily injuries to him which proved fatal after 57 days while being treatment in hospital.

Had

- i) the belt no. 2 been stopped before doing tightening work
- ii) the suitable platform and fencing been provided at tension pulley top to do maintenance work safety
- iii) Pull wire system & signalling wire with bell been provided to stop the belt during emergency

the accident could have been averted.

**Code : 0335 Dumpers
(19 Deaths)**

22. Date - 17/01/11

Mine - ASHOK OPENCAST PROJECT

Time - 08.45

Owner - Central Coalfields Ltd.

Dist. - Chatra, State - Jharkhand

Person(s) Killed :

1. Ramnath Mahto, Auto Electrician, Male, 44 Years

While trying to jumpstart a 35 tonne dumper with the help of the battery fitted with another 50 tonne dumper driven unauthorisedly by an auto electrician and parked adjacent to the former dumper leaning his

head inside the cabin, the 50 Te. dumper moved forward on its own and pressing him against the canopy of the 35 Te. dumper killing him instantly.

Had

- i) the dumper not been jumpstarted
- ii) the authorised driver been allowed along with the auto electrician during the opleration, and
- iii) the dump brake been applied by the auto electrician before leaving the driver seat for jump start, the accident could have been averted.

23. Date - 26/01/11

Mine - MEDAPALLI OC MINE

Time - 02. 45

Owner - Singareni Collieries Company Ltd.

Dist. - Karimnagar, State - Andhra Pradesh

Person(s) Killed :

- 1. Animireddy Appala Naidu, Suprv. Contr, Male, 38 Years

While a dumper being operated down the gradient of about 1 in 14 on a haul road of an opencast mine, the operator took a sharp turn to reach the loading face and hit & run over a person inflicting fatal injury.

Had the dumper not driven negligently endangering life of person in the mine as required under Reg. 190 & 98(1)&(3) of CMR, 1957 read with condition No. 20(3) of permission letter No. 1871 dated 30.05.1995, this accident could have been averted.

24. Date - 16/03/11

Mine - MAHABIR (R)

Time - 22. 45

Owner - Eastern Coalfields Ltd.

Dist. - Burdwan, State - West Bengal

Person(s) Killed :

- 1. Laljit Yadav, Security Guard(Contr.), Male, 26 Years

While a private security guard was sleeping on duty over new coal dump, he was run over by the front left wheel of a dumper to which he died instantly.

Had

i) the security guard on duty not slept over new coal dump as required under Reg. 38(6) of Coal Mines Regulations, 1957 and

ii) the dumper operator not drove the dumper negligently or willfully thereby omitting to see the security guard on new coal dump yard and running over the security guard during driving in forward direction, which were necessary to ensure safety of the person employed therein as required under Reg. 190 of CMR, 1957,

this accident could have been averted.

25. Date - 25/03/11

Mine - DAHIBARI

Time - 04. 40

Owner - Bharat Coking Coal Ltd.

Dist. - DHANBAD, State - Jharkhand

Person(s) Killed :

- 1. Chandrma Ahir, Dozer Operator, Male, 50 Years

While a dumper was being placed for taking load on a coal bench, a dozer operator present in front of his dozer was run over receiving serious injuries to which he succumbed after five hours.

Had

i) the dumper been carefully handled and kept under control at all times as required under condition No. 11.3.6 of Annexure - A enclosed with the permission No. 2173, dated 01.12.2009 and

ii) the victim not been in the area meant for movement of dumpers, thus, not negligently/willfully omitted to take care of his own safety as required under Regulation 38(1) read with Regulation 190 of the Coal Mines Regulations, 1957,

this accident could have been averted.

26. Date - 25/03/11

Mine - KHADIA PROJECT

Time - 03.40

Owner - Northern Coalfields Ltd.

Dist. - Sonebhadra, State - Uttar Pradesh

Person(s) Killed :

1. Gobind Kumar, Tipper Operator, Male, 22 Years

While a 10m cube carrying capacity contractor's tipper loaded with coal was travelling on a level surface haul road, its front left suspension (leaf springs) and steering arm connecting the tie rod and wheel hub broke, causing the tipper to move in an uncontrolled manner and topple on its right side. The tipper driver was thrown out of the cabin and got entrapped underneath the tipper to receive serious bodily injuries, to which he succumbed almost instantaneously.

Had the tipper not been allowed to operate in the mine unless it was ensured through a daily inspection and a thorough weekly examination that it was in mechanically sound condition and safe working order, and a seat belt been provided on the operator's seat to ensure the driver's safety during toppling / roll over, as required by clause 5, 6, 7.1, 7.2 of Directorate's letter No. 7145, dated 16.06.1982 granting relaxations from the provisions Regulation 98(1) & (3) of the Coal Mines Regulations, 1957, read with DG's Circular No. Tech 1 of 1989 and No. Tech 09 dated 02.12.2008, this accident could have been averted.

27. Date - 30/03/11

Mine - JINDAL POWER OPEN CAST

Time - 13.30

Owner - Jindal Power Limited

Dist. - Raigarh, State - Chhattisgarh

Person(s) Killed :

1. Lalan Singh, Dumper Operator, Male, 41 Years

While a dumper operator was hurriedly dumping ash in reverse from the edge of the waste dump raising the body of the dumper, he lost control of the dumper and the dumper fell from the upper bench to the lower bench from a height of about 10m inflicting serious bodily injuries to the operator due to impact of falling and collision inside the cabin to which he succumbed later on.

Had

i) the dumper not been operated in reverse unless there was a clear view of the area behind the dumper/vehicle or was the assistance of a spotter or a pitman duly authorised in writing for the purpose by the manager as required under the provision of Condition No. 21.3(e) of the Annexure-'I' attached to the permission/exemption letter granted under Regulation 98(1)&(3) of the Coal Mines Regulations, 1957 and issued vide this Directorate's letter No. BSP/1622 dated 20.04.2006,

ii) sufficient stop blocks been provided at every tipping point and those were used on every occasion material was dumped from the dumper as required under the provisions of Condition No. 20.2(b) of the Annexure-'I' attached to the permission/exemption letter granted under Regulation 98(1)&(3) of the Coal Mines Regulations, 1957 and issued vide this Directorate's letter No. BSP/1622 dated 20.04.2006,

iii) movement of dumper been planned in such a manner that reversal of dumper was eliminated or at least minimized as required under the provisions of Condition No. 20.2(a) of the Annexure-'I' attached to the permission/exemption letter granted under Regulation 98(1)&(3) of the Coal Mines Regulations, 1957 and issued vide this Directorate's letter No. BSP/1622 dated 20.04.2006, and

iv) code of practice for prevention of injuries to persons engaged in tipping on stock pile, dumping of overburden at dump yards, etc. was framed and implemented as required under the provisions of Condition No. 24.0(b) of the Annexure-'I' attached to the permission/exemption letter granted under Regulation 98(1)&(3) of the Coal Mines Regulations, 1957 and issued vide this Directorate's letter No. BSP/1622 dated 20.04.2006,

this accident could have been averted.

28. Date - 07/04/11

Mine - LINGARAJ OCP

Time - 23.10

Owner - Mahanadi Coalfields Ltd.

Dist. - Angul, State - Orissa

Person(s) Killed :

1. Ajit Behera, Supervisor (Contract), Male, 24 Years

While a loaded tipper was unloading coal in a railway siding of an opencast mine, suddenly the tipper toppled and fell down on cabin of another loaded tipper passing nearby, inflicting serious injuries to a contractor's supervisor, sitting inside the cabin, to which he succumbed instantly.

Had

i) the tipper been carefully positioned at a level place before unloading and thus negligently not endangering the life and safety of persons in the mine, as required under the provisions of Reg. 38(1)(a) read with Reg. 190 of the Coal Mines Regulations, 1957 and

ii) the latter tipper been provided with canopy protecting the driver's cabin fully, as required under Condition No.16.1(viii) of this Directorate's exemption letter No. 010700/BDH/CO-10/P-98(1)&(3)/2009/1121 dated 16.03.2009 granted under Reg. 98(1)&(3) of the Coal Mines Regulations, 1957,

this accident could have been averted.

29. Date - 24/04/11

Mine - KHADIA PROJECT

Time - 00.20

Owner - Northern Coalfields Ltd.

Dist. - Sonebhadra, State - Uttar Pradesh

Person(s) Killed :

1. Mahendra Paswan, Dumper Operator, Male, 47 Years

While a 85 Tonne carrying capacity dumper loaded with coal was on way to mine's CHP on a curved level haul road, it collided nose to tail with a stationary 100 Tonne dumper parked on the left side of the haul road, seriously injuring the operator and entrapping him in the damaged cabin, to which he succumbed almost instantaneously.

Had

i) the 100 Tonne dumper not been parked on the haul road at a place from where dumper traffic was endangered, as stipulated vide clause 5 of the code of traffic rules framed by the manager under clause 21(3)(c) of Directorate's letter No. 7145 dated 16.06.1982 granting relaxations from the provisions of

Regulation 98(1) & (3) of the Coal Mines Regulations, 1957, and DGMS Circular No. (Tech.) 01 of 1989, and,

ii) hazard-indicator/parking lights provided on the dumper been kept switched on before parking it as to warn operators of other dumpers passing by, thus not negligently endangering the life and safety of persons employed in the mine, as called for by the provisions of Regulation 190,

this accident could have been averted.

30. Date - 12/05/11

Mine - DIPKA MINE NO. IA

Time - 00.45

Owner - South Eastern Coalfields Ltd.

Dist. - Korba, State - Chhattisgarh

Person(s) Killed :

1. Raj Kumar Lakra, Tipper Driver, Male, 24 Years

While an empty tipper travelling down the haul road of an opencast mine, another empty tipper overtook it and sharply came in front to provide clear passage to the loaded tipper coming from opposite direction enforcing the tipper driver to steer the vehicle towards left to avoid collision in the process the left wheels climbed over the parapet wall causing imbalance and capsized inflicting serious bodily injuries to the tipper driver that proved fatal within next one hour and fifteen minutes on the way to hospital.

Had

i) the tipper that overtook been driven within specified speed limit on a haul road and not overtaken the tipper in haste compromising safety as required under Regulation 38(1)(a) of the CMR, 1957 read with safety instructions for the drivers framed by the Manager,

ii) the traffic rules been enforced strictly and positive steps been taken to prevent tippers from violating the speed limit as required under Sec. 18(4) of Mines Act, 1952 and Regulation 43(1)(e) and 38(1)(e) of the CMR, 1957 read with code of safe practice for coal loading & transportation framed by the Manager and

iii) the haul road been regularly wetted with water spraying to reduce dust being raised in the atmosphere to minimum as required under Regulation 43(1)(e) read with Regulation 123(6)(c) of the CMR, 1957,

this accident could have been averted.

31. Date - 19/05/11

Mine - MUNGOLI O.C

Time - 05.30

Owner - Western Coalfields Ltd.

Dist. - Yavatmal, State - Maharashtra

Person(s) Killed :

1. Satish Nannaware, P.L. Operator, Male, 35 Years

While a pay loader operator, was lying, apparently in sleep, by the side of a road leading to the feeder breaker of a coal handling plant, a tipper truck run over the pay loader operator killing him on the spot.

Had

i) the pay loader operator not slept while he was on duty thus contravening Reg. 38(6) of the Coal Mines Regulations, 1957,

ii) competent persons were appointed to supervise loading operation and also not allowed anyone to lie down at will during working hours as required under Reg. 36 of the Coal Mines Regulations, 1957,

iii) the workers were properly disciplined as required under Reg. 37(1) of the Coal Mines Regulations, 1957,

the accident could have been averted.

32. Date - 26/05/11

Mine - GONDEGAON O.C

Time - 13.35

Owner - Western Coalfields Ltd.

Dist. - Nagpur, State - Maharashtra

Person(s) Killed :

1. Pandri B. Gajbhiye, Pvt. Tipper Driver, Male, 51 Years

While a private tipper driver was repairing the self start switch under the chassis of a tipper on a level ground in coal handling plant of an opencast mine the engine of the tipper started and it moved forward. The right side front wheel (beneath the driver's seat) went over the pelvis area of the driver and he sustained serious bodily injury to which he succumbed while being transported to the Hospital.

Had

i) the tipper driver applied hand brake or kept the gear shift lever in neutral position to prevent the tipper to move forward even when the tipper started accidentally thus not negligently omitted to ensure his own safety in contravention of Regulation 190 of Coal Mines Regulations, 1957

ii) Road worthiness of the private truck/tippers, allowed in the mine leasehold for transport of coal from Coal handling Plant to outside Agencies, been checked by the competent person and official authorized by the manager and allowed only fit trucks/tippers in the mine thus not negligently omitted to ensure safety of the driver in contravention of Regulation 190 of Coal Mines Regulations, 1957 read with recommendation of IXth conference on safety and Regulation 33 of Coal Mines Regulation, 1957 and

iii) Proper system been formed to ensure that all private trucks/tippers entering the mine leasehold were checked for its Road worthiness and only fit trucks/tippers been allowed in the mine thus not negligently omitted to ensure safety of the driver in contravention of Regulation 190 of Coal Mines Regulation, 1957,

this accident could have been averted.

33. Date - 27/05/11

Mine - JAMBAD OCP

Time - 14.15

Owner - Eastern Coalfields Ltd.

Dist. - Burdwan, State - West Bengal

Person(s) Killed :

1. Naren Chandra Mondal, E.P. Helper, Male, 40 Years

While a dumper was driven unauthorisedly, it hit a worker inflicting serious bodily injuries, which proved fatal instantly.

Had it been ensured that the ignition key of the dumper remained with driver or with specifically designated competent person to prevent unauthorised driving as required under clause 15.9 of permission letter No. 010797/1868, dated 09.09.2005 issued under Regulations 98(1) & (3) and 100(1) of CMR, 1957, this accident could have been averted.

34. Date - 31/05/11
Time - 18.10

Mine - ANANTA O/C
Owner - Mahanadi Coalfields Ltd.
Dist. - Angul, State - Orissa
Person(s) Killed :

1. Lalit Mohan Pradhan, Contract Suprv., Male, 35 Years

While a contractor's empty tipper started moving forward with its dump body in raised position in a railway siding of an opencast mine, suddenly the jack cylinder assembly of the tipper got detached from its foundation on the chassis and the entire dump body toppled on a contractor's supervisor, who was standing nearby, inflicting him fatal injury.

Had

i) the jack cylinder assembly of the tipper been periodically checked by an engineer authorized by the management, as required under the provisions of Reg. 98(1)&(3) of the Coal Mines Regulations, 1957 read with Condition No. 9.0 of this Directorate's letter No. 010698/BDH/CO-8/P-98(1)&(3)/2009/1133 dated 16.03.2009, and

ii) any technically qualified person been provided for supervision to ensure proper welding/repair of the jack cylinder assembly of the tipper and thus negligently not endangering the life or safety of persons employed in the mine, as required under the provisions of Sections 2(1)(l) & 18(4) of the Mines Act, 1952, read with Regulation 190 of the Coal Mines Regulations, 1957,

the accident could have been averted.

35. Date - 01/08/11
Time - 00.30

Mine - AMADAND OPENCAST MINE
Owner - South Eastern Coalfields Ltd.
Dist. - Anuppur, State - Madhya Pradesh
Person(s) Killed :

1. Sukhdeo Prajapati, Helper(Contract), Male, 20 Years

While a tipper was operated in reverse to park it at an undersigned place at the dump yard of an opencast mine by the operator, without ensuring a clear view of area behind the tipper it ran over a person sleeping there that proved fatal instantly.

Had

i) the tipper not been operated in reverse without ensuring a clear view of the area behind the tipper in contravention of the condition No. 13.0(4)(e) of the permission letter No. JR/Coal/Amended/Perm-75/2009/3273 dated 11.12.2009 granted under the provision of Regulation 98(1) and 98(3) of the Coal Mines Regulations, 1957,

ii) no person slept in the dump yard whilst on duty in contravention to the provisions of the Reg. 38(6) of the Coal Mines Regulations, 1957

this accident could have been averted.

36. Date - 21/10/11
Time - 14.15

Mine - WEST BOKARO O/C(QUARRY SE)
Owner - Tata Iron & Steel Co. Ltd.
Dist. - Ramgarh, State - Jharkhand
Person(s) Killed :

1. Binod Yadav, Dozer Helper, Male, 31 Years

While a helper was attempting to take out the pin fitted on bottom of rear flap of a tipper, the driver reversed the tipper thereby running over the helper to which he succumbed instantaneously.

Had

- i) The A.V.A. fitted for safe reversal been working properly,
 - ii) The system to open the hook of rear flap been kept outside the trailing dump yard and helper been not allowed inside dump yard,
 - iii) The driver of tipper been more cautious before reversing the tipper
- the accident could have been averted.

37. Date - 08/11/11

Mine - GEVRA PROJECT

Time - 05.30

Owner - South Eastern Coalfields Ltd.

Dist. - Korba, State - Chhattisgarh

Person(s) Killed :

- 1. Atbal Tirki, Tipper Driver (Contract), Male, 28 Years

While operator of a loaded tipper, that developed a snag on weighbridge platform of an opencast coal mine, was trying to check the propeller shaft without turning the engine off, his loose outfit (open jacket) was caught and dragged in by a free rotating spline shaft out from yoke sleeve inflicting injuries to vital organs to which he succumbed within next one hour.

Had

- i) the propeller shaft of a tipper not been checked negligently without turning the engine off and wearing loose outfit endangering own life as required under Regulation 190 and 184(5) read with Regulation 38(1)(a) of the CMR, 1957 and
- ii) it been ensured that the person wearing loose outfit does not come in close proximity of the moving parts of the tipper as required under Regulation 184(5) read with Regulation 40(1) of the CMR, 1957,

this accident could have been averted.

38. Date - 10/12/11

Mine - PUNDI PROJECT (OC)

Time - 15.00

Owner - Central Coalfields Ltd.

Dist. - Ramgarh, State - Jharkhand

Person(s) Killed :

- 1. Gango Mahto, Helper (Cat. -IV), Male, 47 Years

While a workman was driving a motorcycle and was on his way to place of work along with a pillion rider, he lost control over the motorcycle resulting into collision of the same with a tipper being driven to coal stock yard on a coal transport road, and was run over by the left rear wheel of the tipper inflicting serious bodily injuries to which he succumbed instantaneously.

"Misadventure"

39. Date - 20/12/11

Mine - SONEPUR BAZARI PROJ. (KUMARKHALA O.C.P)

Time - 10.50

Owner - Eastern Coalfields Ltd.

Dist. - Burdwan, State - West Bengal

Person(s) Killed :

- 1. Samsuddin Ansari, Dumper Operator, Male, 51 Years

While a dumper operator was operating a 120 tonne capacity overburden loaded dumper near the edge of the dump not having adequate berm, the dumper along with its operator fell down along the slope in which the

operator was thrown away from the dumper, receiving serious bodily injuries to which he succumbed almost instantly.

Had

i) the "Code of practice" framed as per condition 8.8 of permission letter No. S3/010807/Perm. 98(1) & (3)/2010/1073 dated 18.05.2010 granted under Reg. 98(1)&(3), 95(A), 168(5), 105 and 126 of the Coal Mines Regulations, 1957, been followed and complied strictly as required under Regulation 98 of CMR, 1957 and

ii) the temporarily restricted area, where dumping was temporarily stopped, been kept fenced off as required under Regulation 44(6) (c) of CMR, 1957

this accident could have been averted.

40. Date - 29/12/11

Mine - KUSMUNDA OCP

Time - 03.00

Owner - South Eastern Coalfields Ltd.

Dist. - Korba, State - Chhattisgarh

Person(s) Killed :

1. Jaga Oram, Dumper Operator (Contract), Male, 46 Years

While the operator of an empty 35 tonner dumper attempted to escape from the cabin by jumping when the dumper had moved off the haul road and capsized to a depth of about 42m after breaking the embankment near an inactive overburden dump, the dumper operator sustained serious bodily injuries that proved fatal almost instantly.

Had the dumper been driven defensively and thereby not been allowed to travel off the track in accordance with condition No. 22(3)(b & c) of exemption granted vide letter No. 230 dated 04.01.1980 under Regulation 98(1) & (3) of CMR, 1957, this accident could have been averted.

Code : 0339

**Wheeled Trackless(Truck,Tanker,etc.)
(5 Deaths)**

41. Date - 29/01/11

Mine - DUDHICHUA PROJECT

Time - 06.00

Owner - Northern Coalfields Ltd.

Dist. - Sonebhadra, State - Uttar Pradesh

Person(s) Killed :

1. Jagat Bahadur, Contractor Mazdoor, Male, 46 Years

While an empty truck used for transporting spares/stores was travelling down-gradient on a surface transportation road, it hit a contractor mazdoor coming on foot from opposite direction, seriously injuring him. The mazdoor died whilst undergoing treatment at the hospital after 3 days.

Had the truck been driven carefully and defensively, thus not negligently endangering life and safety of persons employed in the mine, as called for by the provisions of Regulation 190 of the Coal Mines Regulations, 1957, this accident would have been averted.

42. Date - 04/02/11
Time - 11.15

Mine - TIKAK
Owner - North Eastern Coalfields
Dist. - Tinsukia, State - Assam
Person(s) Killed :

1. Zong Bahadur Chetry, W. Tanker Helper, Male, 40 Years

While a water tanker was being driven down the gradient of alight vehicle road in an OCP mine, the brakes of the tanker became ineffective all-on-a-sudden, to which the helper of the tanker became panickly and jumped out through the window of the uncontrolled vehicle in an attempt to escape but got run over by the rear wheels of the tanker to which he sustained serious bodily injuries and died after half an hour on the way to hospital.

Had

i) the service brake and emergency brakes of the water tanker been maintained in proper working order and ensured good repair of tanker before allotting it as required under Regulation 182, 186(3) of the CMR, 1957 read with Reg. 39 & 50(a) of the CMR, 1957 and code of safe practice framed by the Manager and DGMS Cir. No. 11/1973

2) thorough inspection and examination of the water tanker once atleast in every seven days been carried out by competent person as required under Regulation 186(5) of CMR, 1957 read with Reg. 40 of the CMR, 1957 and DGMS Cir. No. 11/1973,

this accident could have been averted.

43. Date - 05/10/11
Time - 11.30

Mine - NEYVELI NO 2
Owner - Neyveli Lignite Corporation Ltd.
Dist. - Cuddalore, State - Tamil Nadu
Person(s) Killed :

1. S. Ezhilan, Elect. Supervisor Contract, Male, 29 Years

While a lorry was being reversed to park by the side of a conveyor road on a bench of opencast workings of the mine, an electrical supervisor was hit and over run by the lorry, inflicting serious bodily injuries to which he succumbed instantly.

Had the lorry not been reversed, before ensuring that nobody was behind and without giving audible warning signals, contravening condition 18.10(B)(viii) of the Appendix CMR-98 to the permission letter No. D/5982 dated 18.11.96 granted by this Directorate under Regulation 98(1) of the Coal Mines Regulations, 1957, this accident could have been averted.

44. Date - 20/12/11
Time - 11.40

Mine - GONDEGAON O.C
Owner - Western Coalfields Ltd.
Dist. - Nagpur, State - Maharashtra
Person(s) Killed :

1. Arun Namdeo, Head Chainman, Male, 53 Years
2. Umrao G. Khobragare, Head Chainman, Male, 50 Years

While an empty dumper of 60T capacity started from rest on a declining haul road in an opencast coal mine, it hit a light motor vehicle(LMV) that entered suddenly into the blind zone of the dumper operator by overtaking it from right side(opposite to drivers seat). The light motor vehicle was dragged by about 2m resulting in hitting its body to the radiator pipe of the dumper. The hot water gushed out of the broken pipe and splashed on three of the occupants sitting in the light motor vehicle. Out of the six

persons travelling in the LMV, one died on the spot due to the impact of collision and another due to the burn injuries in the hospital after eight days. Two other occupants received 15-30% burn injuries whereas other two escaped unhurt.

Had

- i) The LMV been driven carefully by following the Rule No.-3(B)-(B) (C), 6(e) of Code of traffic Rules supplied by the manager thus not negligently omitted to ensure safety of the persons employed in contravention of Regulation 190 of Coal Mines Regulations, 1957
 - ii) Rear view mirrors been provided and maintained on either side of the dumper dirver's seat so as to facilitate dirver to look behind before moving the dumper on the haul road in contravention of condition No. 6.1(b) & (d) of annexure "A" to the permission granted under Regulation 98(1) & (3) of CMR, 1957 vide this Directorate's letter No. NR/II(a)/9775 dated 31.12.1996 read with Regulation 50(d) of Coal Mines Regulations, 1957, and
 - iii) A system been formed to ensure that the rear view mirrors been provided and maintained on either side of the dumper dirver's seat so as to facilitate driver to look behind before moving the dumper on tha haul road in contravention of condition No. 6.1(b) & (d) of Annexure "A" to the permission granted under Regulation 98(1) & (3) of CMR, 1957 vide this Directorate's letter No. NR/II(a)/9775 dated 31.12.1996, read with section 18(4) of Mines Act, 1952.

this accident could have been averted.

Code : 0400 Machinery Other than Transp. Machinery

Code : 0443 Loading Machines (5 Deaths)

45. Date - 05/04/11 Mine - KHOTTADIH
Time - 11.40 Owner - Eastern Coalfields Ltd.
Dist. - Burdwan, State - West Bengal
Person(s) Killed :

1. Rangia Gouda, Cat-1 Mazdoor, Male, 26 Years

While a LHD loaded with coal was reversing at a curve, a worker standing near junction got struck betweenen side of gallery and the rear portion of LHD inflicting serious bodily injuries to which he succumbed instantly.

Had

- i) the operator of LHD not drove the LHD willfully or negligently thereby omitting to see the person implying route of LHD and also drove defensively at curve with careful observation of the path on the sides of it such that not to endanger the life & safety of any person in route of the machine being driven, by contravening the provisions of Regulation 190 of CMR, 1957 read with "code of practice" for LHD operation enforced at the mine,
 - ii) the mining Supervisor took resonable means to ensure the proper observance of the requirements of the Act and of the regulations and orders made there under by persons under his charge as required under Reg. 44(1)(b) of CMR, 1957 read with code of practice for LHD operation eforced at the mine,

iii) the senior officials ensured that the subordinate officials and competent persons in his district carried out their respective duties in a proper manner and also not failed in giving such directions to ensure compliance with the provisions to secure the safety of the district and the safety and proper discipline of the persons employed therein, as required under regulation Reg. 43(1)(d) & (e) and of Coal Mines Regulations, 1957 read with code of practice for LHD operation enforced at the mine,

this accident could have been averted.

46. Date - 09/05/11

Mine - NEW MAJRI OC

Time - 22.00

Owner - Western Coalfields Ltd.

Dist. - Chandrapur, State - Maharashtra

Person(s) Killed :

1. Rajesh Kr. Bharti, Mech. Helper (Contr), Male, 30 Years

While a mechanical helper, all by himself, was working beneath a pay loader in a colliery siding, the operator started moving the pay loader causing serious injuries to which he succumbed after about five hours.

Had

i) the contractor ensured that all operations in the railway siding are conducted in accordance with the provisions of the Mines Act, 1952 and the Regulations, made there under as provided in Section 18(4) of the Mines Act, 1952,

ii) the operator not put the pay loader in motion negligently without ensuring that no person was present underneath the pay loader in contravention of the provision of Reg. 190 of the Coal Mines Regulations, 1957

this accident could have been averted.

47. Date - 02/10/11

Mine - SURAKACHAR

Time - 04.40

Owner - South Eastern Coalfields Ltd.

Dist. - Korba, State - Chhattisgarh

Person(s) Killed :

1. Rup Sai, Piece Rated Loader, Male, 50 Years

While an empty Side Discharge Loader was being manoeuvred from dip towards level gallery in a development panel of a colliery, the cableman handling cable in a level gallery was suddenly hit by the bucket inflicting serious injuries that turned fatal within next 2 hour 20 minutes on the way to hospital.

Had

i) trailing cable of the Side Discharge Loader been handled from to behind during operation as required under code of safe practice for SDL operator and cableman framed by the manager read with Regulation 38(1)(a) of the CMR, 1957

ii) the Side Discharge Loader been operated carefully ensuring the safety of the person deployed for handling of trailing cable as required under Regulation 190 read with Regulation 38(1)(a) of the CMR, 1957 and

iii) the operation of Side Discharge Loader been supervised properly to enforce the provisions of the Regulations and code of safe practice for SDL operator and cableman framed by the manager as required under Regulation 44(1)(b) and 43(1)(e) of the CMR, 1957,

this accident could have been averted.

48. Date - 09/11/11 Mine - WEST BOKARO O/C (QUARRY A & B)

Time - 15.20 Owner - Tata Iron & Steel Co. Ltd.

Dist. - Hazaribagh, State - Jharkhand

Person(s) Killed :

1. Sarju Pd. Mahto, Greaser Helper, Male, 34 Years

While a greaser helper was positioning a pay-loader in line with the bottom discharge dumper under breakdown in an attempt to fix a toe bar between the two machines by placing himself in between the machines, he was pressed by pay-loader thereby received serious bodily injuries to which he succumbed almost instantaneously.

Had

i) the greaser helper not been allowed to position himself behind the dumper while pay loader was being reversed.

ii) the operator of pay loader not been unmindful and careless while reversing the pay-loader to position it behind the dumper.

iii) the mechanic fitter been more careful and vigilant while guiding the pay-loader operator during reversal of the same

the accident could have been averted.

49. Date - 18/11/11 Mine - ORIENT NO 3

Time - 20.30 Owner - Mahanadi Coalfields Ltd.

Dist. - Jharsuguda, State - Orissa

Person(s) Killed :

1. Amit Oraon, Chute Operator, Male, 25 Years

While a chute oprerator was loading tipper by standing near the operating panel located below the bunker, the conical shape hopper of the bunker dislodged from the welded joint with main bunker and fell over the chute operator inflicting serious bodily injuries to which he succumbed instaneously,

Had

i) the welded joints of Banker been made strong enough to take load of impact loading by providing rivets in addition to welding.

ii) the operator room been kept away from the vicinity of bunker.

the accident could have been averted.

**Code : 0448 Other Heavy Earth Moving Machinery
(1 Death)**

50. Date - 24/04/11
Time - 12.45

Mine - BLOCK-IV/KOORIDIH
Owner - Bharat Coking Coal Ltd.
Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Sitaram Hembrem, Dozer Operator, Male, 48 Years

While a dozer was being reversed in a coal stock yard it toppled upside down from a height of 5.5m and caught fire, resulting in burn injuries to the trapped operator which proved fatal after seven days.

Had

- i) the operator been careful and adjudged the position of dozer rightly maintaining a safe distance from the edge of coal heap, while reversing the same as required by Reg. 115(2) and thereby not omitted to ensure his own safety in contravention of provisions of Reg. 190 of Coal Mines Regulation, 1957, and
- ii) the dozer operation been done under supervision of the overman deputed and the overman not left his place of work without having been relieved by a duly competent person, as required under Reg. 39(b) read with 43(8)(b) of the Coal Mines Regulations, 1957, and thereby the operator not been allowed to work in a remote part of the mine where the accident occurred and he could not be assisted in time as required by Reg. 115(8) of the Coal Mines Regulations, 1957,

this accident could have been averted.

Code : 0500 Explosives

**Code : 0552 Deep Hole Blasting Projectiles
(1 Death)**

51. Date - 23/01/11
Time - 13.35

Mine - NEYVELI NO 1
Owner - Neyveli Lignite Corporation Ltd.
Dist. - Cuddalore, State - Tamil Nadu
Person(s) Killed :

1. D. Gunasekaran, Contractor Worker, Male, 30 Years

While a misfired charge in a deep hole was re-fired in an opencast working, a Contract Worker, standing at the Booster Pump Plant Area situated at a distance of about 214m from the blast site, was hit by a projectile to which he succumbed almost instantaneously.

Had

- i) the Supervisor ensured that the only person working under his supervision had taken proper shelter during blasting, as required under Regulation 170 of the Coal Mines Regulations, 1957, thus not failed in his duties as specified under Regulation 40 of the Coal Mines Regulations, 1957 and
- ii) the deceased not exposed himself to the open sky till a clearance of completion of blasting was given by signal and flag, thus not negligently omitting to ensure his own safety, as required under Regulation 190 of the Coal Mines Regulations, 1957,

this accident could have been averted.

Code : 0600 Electricity

**Code : 0661 Overhead Lines
(1 Death)**

52. Date - 01/02/11
Time - 10.35

Mine - 132KV MADHAULI SUB-STATION NON-EXCV. MINE
Owner - Northern Coalfields Ltd.

Dist. - Singrauli, State - Madhya Pradesh
Person(s) Killed :

1. Rahul Patel, Contractor Worker, Male, 19 Years

While a contract worker was painting on 33KV overhead horizontal column of Jayant feeder no. I, he moved inadvertently close to the adjacent live Duhichua feeder - II on the same structure and as a result flash occurred, inflicting serious burn injuries which turned fatal after six months during treatment at hospital.

Had adequate precautions been taken to shutdown the adjacent live line to avoid accidentally or inadvertently moving close, when persons were working thereon as required under Regulation 19(1) of the CEA (measures relating to safety and electric supply) Regulations, 2010, this accident could have been averted.

**Code : 0665 Power Cables Other Than Trailing Cables
(2 Deaths)**

53. Date - 16/03/11
Time - 10.20

Mine - BHELATAND AMALGAMATED
Owner - Tata Iron & Steel Co. Ltd.

Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Ashok Kr. Singh, Electrician, Male, 54 Years

While an electrician was checking the charged 550V power cable, he inadvertently touched the charged cable with both hands resulting in fatal injuries to him.

Had the isolator been locked and danger board been displayed at the starter and thereby adequate safety precautions been followed as required under Rule 36(1) and Rule 131(3) of Indian Electricity Rules, 1956, been taken while handling the electrical apparatus, this accident could have been averted.

54. Date - 21/04/11
Time - 20.30

Mine - KATHARA
Owner - Central Coalfields Ltd.

Dist. - Bokaro, State - Jharkhand
Person(s) Killed :

1. Noor Hussain, Electrician, Male, 43 Years

While an electrician was trying to repair live 3.3KV overhead line jumper, he got electrocuted and fell down on to the ground and died on the spot.

Had outgoing of the switchgear (circuit breaker) been isolated, earthed and thereby permit to work system as laid down in IS:5216-1963 been followed as required under Rule 29(2) read with Rule 36(1) of IE Rules, 1956 and use of gloves, safety shoe and safety belt by the Electrician been ensured before

allowing the Electrician to carry out repair on the over head lines as required under Rules 36(1) of IE Rules, 1956, this accident could have been averted.

Code : 0669

**Other Electrical Accidents
(2 Deaths)**

55. Date - 17/04/11

Mine - DUMAN HILL OC

Time - 00.30

Owner - South Eastern Coalfields Ltd.

Dist. - Korea, State - Chhattisgarh

Person(s) Killed :

1. Ram Swaroop, Elect. Helper, Male, 52 Years

While an electrical helper was attending some minor maintenance work in belt motor, the belt was suddenly started causing imbalance leading to his fall over the rotating coupling of the motor which resulted serious injury on his face and later proved fatal at the hospital within one hour.

Had

- i) the helper put the handle of the emergency switch of the belt in "off" position in the interest of safety in compliance with Rule 29(1) of Indian Electricity Rules, 1956
- ii) the helper informed the concerned belt operator before undertaking maintenance work in the belt motor in the interest of safety in compliance with Rule 29(1) of Indian Electricity Rules, 1956, and
- iii) the belt operator examined the belt before starting the belt in the interest of safety in compliance with Rule 29(1) of Indian Electricity Rules, 1956

the accident could have been averted.

56. Date - 13/07/11

Mine - BALRAM OCP

Time - 11.25

Owner - Mahanadi Coalfields Ltd.

Dist. - Angul, State - Orissa

Person(s) Killed :

1. Manoj Pradhan, Contractor Mazdoor, Male, 24 Years

While a contractor mazdoor was adjusting the light fitting installed at the roof of a colliery substation building, standing at the edge of the roof, he lost balance, slipped and fell down through a height of about 4.6m, and received head injury which proved fatal during treatment at hospital.

Had adequate precautions been taken to secure the worker from falling from height by fixing the ladder near the light fitting and by anchoring the safety belt, as required under Rule 36(2) of the Indian Electricity Rules, 1956, this accident could have been averted.

Code : 0800 Falls (Other than Fall of Ground)

**Code : 0881 Fall of Person from Height/into Depth
(1 Death)**

57. Date - 29/06/11
Time - 15.25

Mine - HINDUSTAN LALPETH OC
Owner - Western Coalfields Ltd.
Dist. - Chandrapur, State - Maharashtra
Person(s) Killed :

1. Kawdu T.Latelwar, Pump Operator, Male, 60 Years

While a pump operator, deployed in sump of opencast working for operation of pump went near the edge of the sump for nature's call, he lost his balance and fell down into the sump resulting into his death.

Had he not gone to the edge of sump and thus negligently endangering his own safety in contravention of Regulation 190 of Coal Mines Regulations, 1957, the accident could have been averted.

**Code : 0883 Fall of Objects incl. Rolling Objects
(4 Deaths)**

58. Date - 20/02/11
Time - 17.00

Mine - SELECTED DHORI QRY. NO. 1 (KALYANI PROJ.)
Owner - Central Coalfields Ltd.
Dist. - Bokaro, State - Jharkhand
Person(s) Killed :

1. Nizam Khan, Tyndal, Male, 42 Years

While dozering, the berm provided along haul road made over old settled overburden dump in an opencast coal mine was disturbed resulting into sliding/rolling down of stone boulders along slope to which a Tyndal among three persons operating a pump near the toe of dump was somehow trapped and hit inflicting multiple injuries at the leg and head proving fatal within half an hour at hospital.

Had

i) the dozering operation not been carried out negligently and willfully along haul road disturbing the berm instead of assigned place of work at own discretion in contravention of Regulation 190 of the Coal Mines Regulations, 1957,

ii) the pump not been installed near the toe of old dump and the deployment of persons near the toe of dump been avoided while dozering was to be done at higher horizon in contravention of condition No. 3 of the Annexure to the permission letter No. -RR/3443 dated 01.10.1983, and

iii) the slope of the dump been kept at an angle less than 37 and half degree from the horizontal and the dump exceeding 3m in height been kept benched so that no bench exceeds 3m in height and the width of bench is not less than 1.5 times the height and general slope does not exceed 1 vertical to 1.5 horizontally as required under condition nos. 4(1)(c)&(d) of the Annexure to the permission letter No. RR/3343 dated 01.10.1983 granted under Regulation 98(1) & (3) and Regulation 100(1) of the Coal Mines Regulations, 1957,

this accident could have been averted.

59. Date - 11/05/11
Time - 11.25

Mine - DHANSAR
Owner - Bharat Coking Coal Ltd.
Dist. - DHANBAD, State - Jharkhand
Person(s) Killed :

1. Md.Faiyaz Khan, Electrician, Male, 45 Years

While a part of broken steel stopper was dropped from the roof of a shovel under maintenance from a height of about 5.4 metre, hit the head of an electrician who received serious bodily injuries, to which he succumbed after 40 days in hospital.

Had

i) the helmet been worn by the person while venturing near the shovel under maintenance as required by Regulation 191(A) (1) of the Coal Mines Regulations, 1957 and

ii) the part of broken steel stopper been brought down in proper manner by using sling/rope, thereby safety of persons not been endangered as required by Regulation 190 of the Coal Mines Regulations, 1957,

this accident could have been averted.

60. Date - 21/09/11
Time - 10.15

Mine - NIGAHI PROJECT
Owner - Northern Coalfields Ltd.
Dist. - Singrauli, State - Madhya Pradesh
Person(s) Killed :

1. Pardeshi Singh, Gen. Mazdoor, Male, 51 Years

While leveling operation was commenced on dragline sitting-level bench to prepare the dragline's sitting site, a boulder measuring 1.0m X 1.2m X 0.9m (approx.) rolled off the bench edge and down the bench slope to hit a drill helper working on the coal bench 43m below, inflicting serious bodily injuries to him, to which he succumbed on the way to the hospital.

Had the drilling operations on the coal bench below been stopped and all persons likely to be endangered by the material rolling down the bench slope been moved away to a safe distance before starting the levelling operations at the dragline sitting-level, thus not negligently omitting to ensure the safety of the persons employed at the coal bench below, as required by the provisions of Regulation 190 of the Coal Mines Regulations, 1957, this accident could have been averted.

61. Date - 10/12/11
Time - 18.30

Mine - NANDGAON INCLINE
Owner - Western Coalfields Ltd.
Dist. - Chandrapur, State - Maharashtra
Person(s) Killed :

1. Pandurang M. Kumre, Cableman, Male, 56 Years

While a SDL machine was unloading coal on to a tub in a leve gallery, it's bucket inadvertently caught into a rope string, suspended from the roof for supporting stowing pipe ranges and subsequently during freeing the bucket a piece of coal measuring about 0.6m X 0.4m X 0.1m fell from a height of about 2.3m from the bucket on a cable man standing in the vicinity who succumbed to his injuries within an hour of the accident.

"Misadventure"

Code : 0900 Other Causes

**Code : 0993 Drowning in Water
(2 Deaths)**

62. Date - 16/01/11
Time - 09.00

Mine - GOVINDPUR PROJECT
Owner - Central Coalfields Ltd.
Dist. - Bokaro, State - Jharkhand
Person(s) Killed :

1. Dashrath Manjhi, Pump Khalasi, Male, 57 Years

While a pump located in the dip side of a depillaring panel being worked in conjunction with hydraulic sand stowing was in operation, Pump Khalasi was somehow trapped and drowned away by the sudden inrush of water mixed with sludge after breakage of an isolation stopping due to accumulation of stowing water behind it and the dead body of Pump Khalasi was recovered after an elapse of 40 hours.

Had a proper inspection of assigned part of mine including isolation stopping of working depillaring panel been made in the shift to ensure the continuous seepage of stowing water through it so that accumulation of water is avoided as required under Regulation 43(1)(a)(c) & (e) of the Coal Mines Regulations, 1957, this accident could have been averted.

63. Date - 19/10/11
Time - 9.30

Mine - KOYAGUDEM OCP- I
Owner - Singareni Collieries Company Ltd.
Dist. - Khammam, State - Andhra Pradesh
Person(s) Killed :

1. Ellaboina Chandraiah, Gen. Mazdoor, Male, 52 Years

While two persons entered by swimming into a sump to bring a pontoon pump which went to other end, one person got drowned.

Had the subordinate supervisory staff and supervisory officials of the mine not allowed the work persons into the water by swimming, thus not negligently or willfully omitted to ensure safety of work persons, as required under the provisions of Section 18(1) of Mines Act, 1952, read with Regulation 39, 40, 41(A) and 190 of CMR, 1957 and para 9.1 of 10th National Conference on safety in Mines, this accident could have been averted.

**Code : 0999 Unclassified
(2 Deaths)**

64. Date - 07/05/11
Time - 12.45

Mine - KAKATIYA KHANI NO. 5 INCLINE
Owner - Singareni Collieries Company Ltd.
Dist. - Warangal, State - Andhra Pradesh
Person(s) Killed :

1. Jangam Dugaiah, Unloading Mazdoor, Male, 47 Years

While a group of work persons positioning the motor on material unloading platform of a mine with the use of a crowbar, suddenly motor got tilted along with crowbar, in turn the crowbar hit on head and the left side of the neck to one of the person, with this impact, he fell on the frame of the staning van resulting injury to his head, causing death on the spot.

Had the persons been explained the proper system of positioning the motor using proper tools made available and the same was carried out under the supervision as required under provisions of the Reg. 36, Reg. 90 of CMR, 1957 and read with proper recommendations of 10th National Tripartite Safety Conference in Mines held on 26th November 2001 at New Delhi, relating to preparation & enforcement of safe Operating Procedures, this accident could have been averted.

65. Date - 08/08/11

Mine - TIRAP

Time - 19.25

Owner - North Eastern Coalfields

Dist. - Tinsukia, State - Assam

Person(s) Killed :

1. Rabindra Gogoi, Asst. Foreman, Male, 55 Years

While a 60lbs rail measuring 6.2m in length was being lifted by an excavator after fastening it securely with lashing chain at the boom of the machine, the free end of the rail swung and hit a supervisor, who was supervising the operation by standing nearby the machine, thus received serious bodily injuries to which he succumbed after one hour in the hospital.

"Misadventure"

STATEMENT NO. 5.14

Details of major accidents in coal Mines (involving 4 or more deaths) during the year 1901-2011

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
1	31/10/01	Tikkak	4	0	Explosions of damp/coal dust
2	20/10/03	No. 3 Pit	5	3	Fall of Coal in working places
3	01/04/06	Upper Ledo	4	0	Suffocation by gases
4	16/06/08	Nadir Khas	20	0	Explosions of fire-damp
5	21/11/08	North Kustore	7	0	Fall of roof
6	25/11/08	North Kustore	8	0	Fall of roof
7	21/12/08	Kanchka	4	0	Inshaft while ascending
8	12/05/09	Dhobidih	4	0	Fall of roof
9	29/05/09	Sodepur	7	0	Fall of roof
10	05/07/09	Sodepur	5	0	Inshaft (falling)
11	07/02/10	Dishergarh	11	0	Explosion of fire-damp
12	10/03/10	Kendwadih	4	0	Fall of roof
13	15/10/10	Sitalpur	12	0	Fall of roof
14	26/10/10	Murulidih	6	0	Irruption of water
15	26/11/10	Namdang	14	4	Explosion of fire-damp
16	09/11/11	Kendwadih	14	0	Explosion of fire-damp
17	19/04/12	Sripur	4	3	Fall of object in shaft
18	11/07/12	phularitand	21	0	Irruption of water
19	02/03/13	Barkui	6	1	Fall of roof
20	28/06/13	Jotejanake	13	0	Irruption of water
21	07/08/13	Jamadoba	7	0	Irruption of Water
22	08/08/13	Bhatdih	7	0	Irruption of water
23	22/10/13	Chowrasi	27	0	Explosion of fire-damp
24	23/10/13	Sodepur No. 9 & 10 pits	4	0	Inshaft(overhanging)
25	24/06/14	Dhobidih	6	0	Fall of Roof
26	31/08/15	Chanda	10	0	Miscellaneous on Surface
27	04/02/16	Bhowra	24	0	Miscellaneous on Surface
28	20/02/16	Sitalpur	6	0	In Shaft(Ascending/Descending)
29	20/07/16	Dishergarh	14	4	Explosion of Fire-damp
30	09/12/16	Jamuria	4	0	Fall of Roof
31	18/11/18	Dishergarh	10	4	Explosion of Fire-damp
32	17/05/19	Bhuggutdih	4	1	Fall of Roof
33	25/09/19	Nodhia	7	0	Fall of Roof
34	12/11/19	Khas Jayrampur	6	1	Fall of Roof
35	24/11/19	Kustore South	14	0	In Shaft(Rope/Chain Breaking)
36	30/01/20	Parbelia	4	0	In Shaft while Ascending/Desce
37	11/05/20	Loyabad	4	0	Fall of Roof
38	04/08/20	Namma	8	0	Irruption of Water
39	29/01/21	East Bagdiggi	5	0	Fall of Side
40	20/02/21	Barkui	4	1	Explosives

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
41	28/02/21	Amlabad	11	0	Explosion or Fire-damp
42	25/08/21	Seebpore	4	0	Fall of Roof
43	16/09/21	Pandeybera	5	0	Fall of Side
44	09/03/22	Khost	13	3	Explosions
45	29/04/22	Sodepur	8	8	Overwinding
46	05/07/22	Parbelia	4	2	Explosions
47	04/01/23	Parbelia	74	0	Explosion/Ignition of Firedamp
48	25/01/23	Mahakali	8	0	Fall of Side
49	20/02/23	Raniganj	4	1	Fall of Roof
50	26/03/23	Bonbiddin	4	0	Fall of Side
51	14/04/23	Rawanwara	16	1	Fall of Roof
52	01/05/23	Sodepur	9	0	Suffocation of Gases
53	21/06/23	Dhor i	7	0	Fall of Side
54	21/12/23	Benahir	5	0	Fall of Roof
55	27/12/23	Jharia Khas	5	0	Fall of Roof
56	28/03/24	Khost	4	0	Fall of Roof
57	05/07/24	Bararee	4	0	Explosives
58	01/11/24	Bagdigi	4	0	Rope/Chain Breaking
59	22/01/25	Raniganj	5	0	Fall of Roof
60	10/09/25	Burra Dhemo	4	0	Shaft (Ascending/Descending)
61	28/01/26	Chanch	5	0	Fall of Roof
62	01/09/26	Bararee	4	0	Fall of Side
63	09/04/28	Mudidih	6	5	Miscellaneous
64	30/10/28	Sripur	4	1	Fall of Roof
65	20/12/28	Bhaskajuri	7	0	Irruption of Water
66	09/04/29	Sripur	4	0	Fall of Roof
67	16/04/29	Sawang	6	3	Explosion of Firedamp
68	20/07/29	Sikdarpur	4	0	Fall of Roof
69	15/10/29	Datla	4	2	Fall of Roof
70	19/11/29	Serampur	5	0	Fall of Roof
71	10/12/29	Lodna	5	1	Fall of Roof
72	24/02/30	Bararee	4	0	Suffocation by Gases
73	08/04/30	Deoli	6	0	Fall of Roof
74	14/10/30	Dishergarh West	6	0	Explosion of Firedamp
75	17/02/31	Nongah	13	3	Explosives
76	24/11/31	Sodepur 9 & 10 Pits	5	1	Fall of Roof
77	09/04/32	Methani	5	2	Explosion/Ignition of Firedamp
78	21/02/34	Porpiapur	6	0	Fall of Roof
79	12/05/34	Seebpur	5	0	Fall of Roof
80	16/07/34	Khas Jharia	6	0	Fall of Roof

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
81	16/01/35	Loyabad	11	0	Irruption of Water
82	29/06/35	Bagdigi	19	7	Explosion/Ignition of Firedamp
83	24/07/35	Kurhurbaree	62	14	Explosion/Ignition of Firedamp
84	30/01/36	Loyabad	35	0	Fire/Suffocation by Gases
85	14/07/36	Adjai Second	4	1	Explosion/Ignition of Firedamp
86	13/12/36	Damdot	4	0	Surface Railway/Tramways
87	18/12/36	Poidih	209	0	Explosion/Ignition of Firedamp
88	06/09/38	Dhemo Main	9	0	Fall of Roof
89	05/01/40	Kalithan Gurgaon	4	0	Fall of Roof
90	27/02/40	Manksimula	6	0	Fall of Roof
91	16/04/40	Raneepur	4	1	Explosion/Ignition of Firedamp
92	21/10/40	Bhualbararee	6	5	Fall of Sides
93	04/12/40	Ekra Khas	8	0	Fall of Roof
94	15/12/40	Jitpur	4	0	Fall of Roof
95	28/12/40	Kustore	4	0	Suffocation by Gases
96	24/04/41	Dishergarh West	6	0	Fall of Roof
97	05/05/41	South Bulliari Kendwadih	9	0	Fall of Roof
98	04/08/41	Sodepur 9 & 10 Pits	4	0	Fall of Roof
99	03/12/41	Dhemo Main	4	1	Fall of Sides
100	16/01/42	Kurhurbaree	5	5	Fall of Roof
101	12/02/42	Ghogri-Berkui	4	0	Fall of Roof
102	27/03/42	Seetalpur	4	0	Falling down Shafts
103	06/07/42	Makerwal	14	0	Irruption of Water
104	17/07/42	Pinalgoria	4	0	Irruption of Water
105	27/11/42	Jotejanaki Khas	6	0	Fall of Roof
106	22/02/43	Sodepur 9, 10 & 11 Pits	13	3	Fall of Roof
107	14/04/43	Banksimulla 11 & 12 Pits	5	0	Explosions
108	26/07/43	Ghorawari	7	0	Explosions
109	08/10/43	Jhamuria 7 & 8 Pits	12	1	Sundries Underground
110	04/02/44	Hurriladiah	4	1	Fall of Roof
111	10/04/44	Khodo Valley	8	0	Fall of Sides
112	14/06/44	North Brook	4	0	Descending Shaft
113	25/08/44	Bright Jharia	4	0	Fall of Roof
114	07/09/44	Dhemo Main	6	0	Fall of Roof
115	13/03/45	Dhemo Main	4	1	Fall of Sides
116	13/06/45	Banksimula 9 & 10 Pits	8	0	Fall of Sides
117	19/03/46	Begunia	13	0	Explosion/Ignition of Firedamp
118	09/06/46	Malkera-Choitodih	4	0	Overwinding of Shaft
119	04/11/46	Gazlitand	5	0	Fall of Roof
120	20/03/47	Methani	4	1	Fall of Roof

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
121	23/03/48	Chapui Khas	5	1	Explosions
122	19/05/48	Jamuria A & B Pits	4	0	Fall of Roof
123	08/10/48	Ekra Khas	6	0	Irruption of Water
124	15/12/48	Parbelia	8	2	Haulage
125	27/12/48	Kargali	4	0	Fall of Sides
126	24/10/49	Jamai Datla No. 2	4	0	Breakage of Rope/Chain
127	17/11/49	New Satgram	6	3	Fall of Roof
128	25/02/50	Rana	4	1	Fall of Roof
129	15/04/50	Bhatdee	4	0	Fall of Roof
130	29/08/50	Parbelia	4	0	Fall of Roof
131	04/10/50	Dhor i	7	0	Irruption of Water
132	14/01/51	Chinakuri	4	1	In Shaft(Miscellaneous)
133	28/01/51	Ranipur	9	3	Descending Shaft
134	31/05/51	Methani	7	2	Fall of Roof
135	22/08/51	East Bhalgora	4	0	Fall of Roof
136	22/02/52	Dhemu Main	6	0	Fall of Roof
137	19/05/52	Mithapur	4	1	Fall of Sides
138	17/06/52	South East Baraboni Khas	5	4	Miscellaneous Surface
139	12/07/52	Dhemu Main	12	0	Fall of Roof
140	17/09/52	Bhatdee	5	0	Fall of Roof
141	19/11/52	Pure Chirimiri	7	0	Fall of Roof
142	22/01/53	Sonardih	4	0	Fall of Sides
143	15/05/53	Pure Chirimiri	8	1	Fall of Roof
144	05/07/53	Bhulabararee	4	0	Fall of Roof
145	31/07/53	Bejdih	4	0	Fall of Roof
146	05/08/53	Majri	11	0	Irruption of Water
147	23/08/53	Dhemu Main	6	1	Fall of Roof
148	24/08/53	Chinakuri	6	2	Irruption of Water
149	26/09/53	Jhagrakhand	4	0	Fall of Roof
150	30/09/53	Dhemu Main	4	0	Fall of Roof
151	08/01/54	Swang	7	0	Fall of Roof
152	19/01/54	Handiduh	4	0	Fall of Roof
153	14/03/54	Damra	10	0	Explosion/Ignition of Firedamp
154	02/04/54	Kothagudium No. 3 Incline	5	0	Fall of Roof
155	16/06/54	Monoharbalal	4	0	Fall of Roof
156	11/10/54	Loyabad	4	0	Fall of Roof
157	10/12/54	Newton Chikli	63	0	Irruption of Water
158	02/02/55	Model Dharmaband	8	3	Miscellaneous on Surface
159	05/02/55	Amlabad	52	1	Explosion of Inflamable Gas
160	03/06/55	Pootkee	4	0	Fall of Objects in Shafts

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
161	14/07/55	Kalimati	6	0	Fall of Roof
162	09/09/55	Burradhemeo	4	0	Fall of Roof
163	08/02/56	Bhulabarree	4	1	Fall of Roof
164	13/06/56	Girimint	4	0	Haulage
165	12/09/56	Lodna	4	0	Irruption of Water
166	26/09/56	Binodicutta	4	0	Irruption of Water
167	26/09/56	Burradhemeo	28	0	Irruption of Water
168	19/02/58	Chinakuri 1 & 2 Pits	176	7	Explosions
169	20/02/58	Central Bhowrah	23	0	Irruption of Water
170	09/10/58	North Kujama	8	0	Fall of Roof
171	27/01/59	Saunda II	4	0	Explosion of Inflammable Gas
172	02/03/59	Kurhurbaree	4	0	Outbreak of Fire
173	19/11/59	Sripur 1 & 2 Pits	7	2	Fall of Roof
174	05/01/60	Damua	16	0	Irruption of Water
175	29/05/60	Bachra	5	1	Fall of Roof
176	23/01/61	Jambad Selected	6	0	In Shaft (Miscellaneous)
177	27/02/61	Simlabahal	4	0	Fall of Roof
178	05/03/61	Budroochuck	5	4	Fall of Roof
179	22/04/61	East Kajora	5	1	Fall of Roof
180	06/05/61	Datla West	4	0	Fall of Roof
181	10/06/61	Burragarh	4	0	Fall of Roof
182	08/03/62	Upper Mandra	5	0	Fall of Roof
183	23/03/62	Sarpi Kajora	5	0	Fall of Roof
184	19/07/62	Sitanala	6	1	Fall of Roof
185	24/08/62	South Bulliari	6	0	Fall of Roof
186	15/02/63	Jamuna	6	0	Fall of Sides
187	19/02/63	Jharkhand	4	2	Fall of Sides
188	21/03/63	Jamuria A & B Pits	7	1	Fall of Roof
189	04/06/63	Kargali	8	1	Fall of Sides
190	22/04/65	Kendwadih	6	0	Irruption of Water
191	28/05/65	Dhor i	268	9	Explosion of Coal Dust
192	24/07/65	Ena	7	0	Fall of Roof
193	08/11/65	Rajnagar	5	1	Fall of Roof
194	11/01/66	Lower Badjna	5	2	Fall of Roof
195	17/05/66	Katras-Choitodih	8	1	Fall of Roof
196	16/01/67	Gonshadih	4	0	Fall of Roof
197	16/01/67	Laikdih Deep	4	0	Fall of Roof
198	28/09/67	Central Kujama	4	0	Overwinding of Cage
199	11/04/68	West Chirimiri	14	16	Fall of Sides
200	27/09/68	North Salanpur	6	0	Fall of Sides

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
201	21/11/69	New Satgram	5	3	Fall of Roof
202	06/09/71	Mudidih	4	1	Fall of Roof
203	24/12/71	Kuya & Kuya Khas	4	0	Fall of Roof
204	18/03/73	Noonodih Jitpur	48	13	Explosion/Ignition of Gas/Dust
205	03/05/73	Bhowra South	4	1	Fall of Roof
206	11/01/74	Handiduha	4	3	Fall of Roof
207	11/03/74	Burhar No. 1	7	0	Fall of Roof
208	16/05/74	Parasea	4	1	Fall of Roof
209	31/10/74	Ranipur	4	1	Explosion/Ignition of Gas/Dust
210	10/01/75	Kalyan Khani No. 1	4	0	Fall of Roof
211	28/02/75	Hessalong	6	0	Fall of Sides
212	19/04/75	Churcha	5	0	Fall of Roof
213	14/05/75	Ara	5	0	Fall of Roof
214	27/07/75	Pannandhro Lignite	4	0	Fall of Sides
215	08/08/75	Kessurgarh	11	1	Fall of Roof
216	18/11/75	Silewara	10	1	Irruption of Water
217	27/12/75	Chasnalla	375	0	Irruption of Water
218	28/01/76	Bellampalli 2 Incline	5	0	Fall of Roof
219	05/04/76	Chasnalla	5	0	Irruption of Water
220	18/07/76	Kalyan Khani No. 5	4	1	Fall of Roof
221	16/09/76	Central Saunda	10	0	Irruption of Water
222	04/10/76	Sudamdh Shaft	43	3	Explosion/Ignition of Gas/Dust
223	31/03/78	Tara	5	2	Fall of Roof
224	17/08/78	Industry	4	0	Irruption of Water
225	31/12/78	Prakasam Khani No. 2	6	3	Fall of Roof
226	22/01/79	Baragolai	16	0	Explosion/Ignition of Gas/Dust
227	09/10/79	Bhanora	5	2	Fall of Roof
228	16/11/79	Bankola	4	3	Fall of Roof
229	09/06/80	Jorekuri Palasthalai	4	0	Landslides
230	03/07/80	Gopalichak	4	1	Fall of Roof
231	24/06/81	Jagannath	10	4	Fire
232	16/07/82	Topa	16	4	Fall of Roof
233	14/09/83	Hurriladiah	19	0	Inundation
234	18/09/84	Saunda D West	6	0	Explosives
235	09/06/85	Somagudem 1	6	1	Fall of Roof
236	15/09/85	Patherdih	4	1	Fall of Roof
237	14/10/85	Kalyan Khani No. 5	4	3	Fall of Roof
238	27/03/86	Godavari Khani No. 9	7	0	Explosion/Ignition of Gas/Dust
239	09/04/86	Banki	4	0	Fall of Roof
240	20/04/86	Satpura No. 1	4	1	Fall of Roof

Statement 5.14 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
241	26/11/86	Kenduadih	6	0	Fall of Roof
242	25/05/88	North Jhagrakhand	4	0	Fall of Roof
243	18/06/88	Dubeswari	4	0	Fall of Roof
244	30/06/89	South Govindpur	5	2	Fall of Roof
245	13/11/89	Mahabir (R)	6	0	Irruption of Water
246	18/10/90	Dhanpuri Incline	4	1	Fall of Roof
247	19/11/93	Tipong	9	0	Explosion/Ignition of Gas/Dust
248	18/01/94	Mahabir Khani No. 1	4	0	Fall of Roof
249	25/01/94	New Kenda	55	0	Fire
250	05/03/94	Kotma West	6	1	Fall of Roof
251	11/12/94	Bararee/Bhulanbararee	4	0	Other Winding Operation Acc.
252	27/09/95	Gaslitand	64	0	Irruption of Water
253	27/09/95	Katras–Choitodih	4	0	Irruption of Water
254	05/01/96	Kusunda	4	5	Fall of Roof
255	13/11/96	Satgram Incline	4	0	Fall of Roof
256	03/03/97	New Moghla	10	12	Explosion/Ignition of Gas/Dust
257	18/10/97	Sirka U/G	5	0	Fall of Roof
258	09/06/98	Kuju	5	1	Fall of Roof
259	06/07/99	Parascole (West)	5	3	Air Blast
260	06/10/00	Godavari Khani No. IX	5	0	Fall of Roof
261	03/11/00	Dobary	4	1	Fall of Roof
262	24/06/00	Kawdi Open Cast	10	0	Fall of Sides
263	02/02/01	Bagdigi	29	0	Irruption of Water
264	05/03/01	Durgapur Rayatwarai	6	0	Fall of Roof
265	25/01/02	Bankola	4	0	Fall of Object
266	26/02/02	Kalyan Khani No. II	5	1	Fall of Roof
267	28/01/03	Murpar U/G	4	1	Fall of Object
268	16/06/03	Godavari Khani No. 7 LEP	17	0	Irruption of Water
269	17/10/03	Godavari Khani No. 8A	10	2	Fall of Roof
270	22/11/05	Busseriya	4	0	Fall of Roof
271	15/06/05	Central Sounda	14	0	Irruption of Water
272	06/09/06	Bhatdee	50	0	Explosion/Ignition of Gas/Dust
273	12/11/06	Venkatesh Khani No. 7	4	2	Fall of Roof
274	30/11/06	Shyamsundarpur	6	0	Fall of Roof
275	11/05/08	Ledo	5	14	Explosion/Ignition of Gas/Dust
276	12/17/08	Jayant	5	0	Landslides
277	06/05/10	Anjan Hill	15	5	Other explosive accident

STATEMENT NO. 5.15

Particulars of Court of enquiries instituted under the Mines Act to enquire into the accidents in coal mines during the year 1901-2011

Sl. No.	Date of Accident	Name of Mine & Cause	No. of Persons Killed	Constitution of Court of Enquiry	Assessors
1	2	3	4	5	6
1	07/08/13	Jamadoba (Inundation)	7	S/Shri	S/Shri
				Information not readily available.	
2	08/08/13	Bhatdih (Inundation)	7	S/Shri	S/Shri
				Information not readily available.	
3	22/10/13	Chowrasi (Explosion)	27	S/Shri	S/Shri
				Information not readily available.	
4	04/02/16	Bhowra (Subsidence)	24	Dy. Commissioner	1. Chief Inspector of Mines 2. T. H. Ward, Mining Engineer
5	20/02/16	Sitalpur (Winding)	6	Collector of Burdwan	1. Chief Inspector of Mines 2. G. C. Lathbury, Mining Engr.
6	20/07/16	Dishergarh (Explosion)	14	Collector of Burdwan	1. Chief Inspector of Mines 2. G. C. Lathbury, Mining Engr.
7	18/11/18	Dishergarh (Explosion)	10	Collector of Burdwan	1. Chief Inspector of Mines 2. T. H. Ward, Mining Engineer
8	24/11/19	Kustore South (Winding)	14	Dy. Commissioner	1. Chief Inspector of Mines 2. A. Wright, Mining Engineer
9	04/01/23	Parbelia (Explosion)	74	Dy. Commissioner	1. Chief Inspector of Mines 2. Colliery Superintendent
10	14/04/23	Rawanwara (Fall of Roof)	16	Dy. Commissioner	1. Chief Inspector of Mines
11	18/01/25	Newton Chikli (Breaking of Rope)	1	S/Shri	S/Shri
				Information not readily available.	
12	09/04/28	Mudidih (Subsidence)	6	Addl. Dy. Commissioner	1. Chief Inspector of Mines 2. J. B. Wardlaw, Mining Engr.
13	20/12/28	Bhaskajuri (Inundation)	7	District Magistrate	1. Chief Inspector of Mines 2. J. Mackie, Mining Engineer
14	09/04/29	Sripur (Fall of Roof)	4	District Magistrate	1. Chief Inspector of Mines 2. J. B. Wardlaw, Mining Engr. 3. J. Mackie, Mining Engineer

Statement 5.15 (continued)

Sl. No.	Date of Accident	Name of Mine & Cause	No. of Persons Killed	Constitution of Court of Enquiry	Assessors
1	2	3	4	5	6
S/Shri					S/Shri
15	14/10/30	Dishergarh West (Explosion)	6	Chief Inspector of Mines	1. Dr. D. Penman, Mining Engr. 2. J. Thomas, Mining Engineer
16	29/06/35	Bagdigi (Explosion)	19	Chief Inspector of Mines	1. Addl. Dy. Commissioner 2. J. B. Wardlaw, Mining Engr.
17	24/07/35	Kurhurbaree (Explosion)	62	Chief Inspector of Mines	1. Dy. Commissioner 2. J. Mackie, Mining Engineer
18	30/01/36	Loyabad (Suffocation by Gases)	35	Commissioner, Chotanagar	1. Inspector of Mines 2. J. Mackie, Mining Engineer 3. B. K. Bose, Mining Engineer
19	18/12/36	Poidih (Explosion)	209	Commissioner, Burdwan Div.	1. Inspector of Mines 2. L. A. Jacobs, Mining Engineer 3. B. K. Bose, Mining Engineer
20	19/03/46	Begunia (Explosion)	13	Commissioner, Burdwan Div.	1. Dy. Chief Insp. of Mines 2. J. K. Dholakai, Mining Engr. 3. A. G. Mackay, Mining Engineer
21	15/05/53	Pure Chirimiri (Fall of Roof)	8	Dy. Commissioner	1. Chief Inspector of Mines 2. R. L. Malviya (Labour) 3. M. S. Dhandha (Management)
22	08/01/54	Swang (Fall of Roof)	7	Dy. Commissioner	1. D. R. Bagrey, Mining Engr. 2. Bindeswari Dubey, M. L. A. 3. Dy. Chief Insp. of Mines
23	10/12/54	Newton Chikli (Inundation)	63	Justice B. R. Sen	1. M. L. Shome, Mining Engineer 2. W. S. Barlingay, M. P.
24	05/02/55	Amlabad (Explosion)	52	Justice B. P. Jamuar	1. M. L. Shome, Mining Engineer 2. N. Das, M. P.
25	26/09/56	Burradhemoo (Inundation)	28	Commissioner, Burdwan	1. Chief Inspector of Mines 2. S. C. Samanta, M. P.
26	19/02/58	Chinakuri 1 & 2 Pits (Explosion)	176	Justice S. N. Guha Roy	1. S. C. Samanta, M. P. 2. Dr. J. W. Whitakar
27	20/02/58	Central Bhowrah (Inundation)	23	T. P. Singh, I. A. S., C. A.	1. B. H. Engineer 2. Jai Pal Singh, M. P.

Statement 5.15 (Continued)

Sl. No.	Date of Accident	Name of Mine & Cause	No. of Persons Killed	Constitution of Court of Enquiry	Assessors
1	2	3	4	5	6
S/Shri					S/Shri
28	28/05/65	Dhori (Explosion)	268	Justice S. K. Das	1. B. H. Engineer 2. Das Gupta, G. S. I.
29	18/03/73	Noonodih Jitpur (Explosion)	48	R. C. Dutt, I. C. S.	1. Kanti Mehta 2. Lalit Burman 3. Prof. G. B. Mishra 4. M. B. Tawadey
30	08/08/75	Kessurgarh (Fall of Roof)	11	R. C. Dutt, I. C. S.	1. Prof. K. V. Subrahmanyam 2. S. L. Chakravarty 3. R. N. Sharma, M. P. 4. Lalit Burman
31	18/11/75	Silewara (Inundation)	10	P. M. Nayak, I. C. S.	1. V. L. Karwande 2. Prof. G. S. Marwaha 3. S. W. Dhabe 4. S. K. Sanyal
32	27/12/75	Chasnalla (Inundation)	375	Justice U. N. Sinha	1. C. Karunakaran 2. G. S. Marwaha 3. Damodar Pandey, M. P.
33	05/04/76	Chasnalla (Inundation)	5	Justice U. N. Sinha	1. C. Karunakaran 2. G. S. Marwaha 3. Damodar Pandey, M. P.
34	16/09/76	Central Saunda (Inundation)	10	N. P. Dube, I. A. S.	1. Prof. S. S. Saluja 2. S. Das Gupta
35	04/10/76	Sudamdih Shaft (Explosion)	43	H. C. Sarin, I. C. S.	1. S. Bagchi 2. Damodar Pandey, M. P.
36	22/01/79	Baragolai (Explosion)	16	T. S. Sankaran	1. S. Dasgupta 2. H. B. Ghose
37	24/06/81	Jagannath (Miscellaneous)	10	K. Ramamurthy	1. Damodar Pandey 2. H. B. Ghose
38	16/07/82	Topa (Fall of Roof)	16	Justice L. K. Pandey	1. S. Dasgupta 2. H. B. Ghose
39	14/09/83	Huriladih (Inundation)	19	Justice C. T. Dighe	1. K. M. Trivedi 2. G. S. Marwaha

Statement 5.15 (Continued)

Sl. No.	Date of Accident	Name of Mine & Cause	No. of Persons Killed	Constitution of Court of Enquiry	Assessors
1	2	3	4	5	6
S/Shri					S/Shri
40	13/11/89	Mahabir (Irruption of Water)	6	P. C. Hota	1. B. N. Tiwari 2. A. K. Ghosh
41	25/01/94	New Kenda (Ignition of Gas/Dust)	55	Justice S. Ahmed	1. B. N. Tiwary, AITUC 2. Prof. D. P. Singh, BHU, IT
42	27/09/95	a) Gaslitand (Irruption of Water)	64	Justice S. K. Mukherjee	1. Prof. B. K. Mazumdar, ISM 2. Rajender Singh, INTUC
	26/09/95	b) Bera (Irruption of Water)	3		
	26/09/95	c) South Gobindpur (Irruption of Water)	3		
	27/09/95	d) Katras-Choitodih (Irruption of Water)	4		
43	02/02/01	Bagdigi (Irruption of Water)	29	Justice Gurusharan Sharma	1. Prof. Ravindra Nath, BHU 2. Kamalesh Sahay, CCOKS
44	16/06/03	Godavari Khani No. 7 (LEP) (Irruption of Water)	17	Justice Bilal Nazki	1. A. K. Rudra 2. Kamalesh Sahay
45	17/10/03	Godavari Khani NO. 8A (Fall of Roof)	10	Justice Bilal Nazki	1. A. K. Rudra 2. Kamalesh Sahay
46	15/06/05	Central Sounda (Irruption of Water)	14	Dr. D. P. Shenoy	1. Ravindra Sharma 2. Rajendra Pd. Singh
47	06/09/06	Bhatdee (Ignition of Gas/Dust)	50	P. C. Parakh	1. Ravindra Sharma 2. O. P. Lala
48	06/05/10	Anjan Hill (Ignition of Gas/Dust)	15	Justice P. V. Shetty	1. S. K. Dubey 2. S. Kumar

SECTION – VI

MISCELLANEOUS

STATEMENT NO.6.1

EXPORT AND IMPORT OF COAL,COKE AND LIGNITE

(QUANTITY IN TONNES AND VALUE IN '000 Rs.)

COUNTRY	EXPORT															
	2004-2005		2005-2006		2006-2007		2007-2008		2008-2009		2009-2010		2010-2011		2011-12	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
AFGANISTAN	-	-	-	-	-	-	300	572	-	-	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-	-	-	-	-	-	-	8	78	-	-
ARGENTINA	-	-	-	-	-	-	-	46000	928752	-	-	-	-	-	-	-
AUSTRALIA	-	-	-	-	-	-	-	-	2	91	78325	538005	1	1	-	-
BAHARAIN IS	-	-	4669	42648	-	-	-	521950	390117	6305	84946	19721	204751	6562	136872	
BANGLADESH	174851	1948898	1679060	2114712	1326040	2621819	1318678	2153755	1293716	2837785	1452821	3567235	1399352	2905555	1217706	3118231
BELGIUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	12627
BENIN	-	-	-	-	-	-	-	-	-	-	26	493	-	-	-	-
BHUTAN	55310	59208	17502	53628	23050	93845	55189	192808	207395	583142	77098	413241	201995	577975	143635	632863
BRAZIL	130000	763803	38500	385167	37000	250317	45038	735534	192000	4177969	38500	633869	322500	6041575	368500	7737809
BURKINA FASO	-	-	-	-	-	-	-	-	-	-	-	-	-	37	72	-
CAMEROON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2780	80477
CANADA	24	323	815	1607	-	-	-	-	55	81	1	13	4	10	-	-
CHILE	-	-	-	-	-	-	19	748	-	-	-	-	-	-	-	-
CHINA P. REP.	-	-	672	569	-	-	4986	5320	-	-	1	6	2301449	7024284	282	1370
COLOMBIA	-	-	-	-	-	-	14	636	-	-	-	-	-	-	-	-
COTE D IVOIRE	-	-	-	-	-	-	18000	829	4	12	-	-	-	-	-	-
DENMARK	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
DOIBOUTI	-	-	-	-	-	-	120197	15581	-	-	-	-	20	531	20	568
DOMONIC REP.	-	-	-	-	-	-	-	7	319	-	-	-	-	-	-	-
EGYPT A R P	-	-	-	-	70	719	262	263	-	-	-	-	197	3990	141	1984
EL SALVADOR	-	-	-	-	-	-	14	680	-	-	-	-	16	344	-	-
ETHOPIA	-	-	-	-	700	926	1000	2825	-	-	-	-	-	-	-	-
FINLAND	-	-	-	-	-	-	-	-	-	-	-	-	38	44	-	-
FRANCE	-	-	120	636	-	-	-	-	420500	1013804	3	7	33	157	-	-
GER.FED.REP.	403	965	-	-	-	-	6	12	-	-	2	6	600	389	20	429
GHANA	-	-	-	-	218	391	-	-	-	-	-	-	-	47	1203	-
GEORGIA	-	-	-	-	-	-	-	-	-	-	150	781	-	-	-	-
HONG KONG	-	-	-	-	-	-	-	-	-	-	30	381	-	-	-	-
HUNGARY	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
INDONESIA	189	735	-	-	45	75	158	3078	-	-	10800	61243	20	738	84	8191
ITALY	-	-	-	-	-	-	30	30	-	-	39980	728982	-	-	-	-
IRAN	-	-	-	-	-	-	-	-	-	-	5140	6832	121	1923	79999	1678194
JAPAN	-	-	100000	316173	-	-	-	-	22000	197133	1	1	231557	1865117	20	460
JORDAN	-	-	-	-	-	-	-	-	9	83	31	295	-	-	30	706
KAZAKHSTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	255
KENYA	-	-	400	819	279	1134	1009	3482	141	1237	23	216	96	1886	11	37
KOREA REP.	20	30	-	-	-	-	12	36	9400	183551	3430	25914	6401	129949	2924	73350
KUWAIT	154	801	35	122	-	-	43	609	120	275	-	-	-	-	-	-
LEBNON	-	-	-	-	-	-	-	-	-	-	-	-	-	125	1513	-
MALAYSIA	6	12	-	-	-	-	14	495	890	1734	-	-	-	-	34101	571736

STATEMENT NO.6.1 (CONT.)

(QUANTITY IN TONNES AND VALUE IN '000 Rs.)

COUNTRY	EXPORT																
	2004-2005		2005-2006		2006-2007		2007-2008		2008-2009		2009-2010		2010-2011		2011-12		
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value									
1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
MALDOVA	-	-	-	-	70	133	-	-	-	-	-	-	-	-	-	-	
MAYANMAR	60	895	-	-	-	-	-	-	-	-	60	385	66	1122	-	-	
MAURITIUS	200	447	-	-	-	-	1196	2203	1520	2117	3348	5002	-	-	11	250	
MOZAMBIQUE	-	-	-	-	-	-	10	10	-	-	-	-	-	-	-	-	
NAMIBIA	-	-	-	-	-	-	-	-	1960	1927	-	-	-	-	-	-	
NATURALZO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	108	366	
NEPAL	196122	29960	298811	530830	466115	502337	289739	547061	278539	533750	792849	741574	680475	1295311	723289	2487083	
NETHERLAND	17	17	-	-	20	757	-	-	-	-	1	4	19880	357291	1	3	
NIGERIA	-	-	-	-	-	-	-	-	-	-	108	532	-	-	42	765	
N.MARIANA IS.	-	-	-	-	-	-	-	-	-	-	-	-	100	213	-	-	
OMAN	394	538	-	-	-	-	480	1112	3095	5785	2219	5324	7	44	2	55	
PAKISTAN IR	72	1021	3318	6831	31	77	28805	153547	9696	74086	17530	278754	5036	109503	25404	630795	
PHILIPPAINES	54	202	-	-	-	-	-	-	-	-	1820	11821	-	-	-	-	
QUATAR	-	-	-	-	-	-	1121	1701	-	-	204	260	-	-	-	-	
RUSSIA	-	-	-	-	-	-	-	-	-	-	-	-	21	15	-	-	
SAUDI ARAB	51	444	515	5091	-	-	2489	7701	954	15560	339	4943	547	8619	1603	18278	
SENEGAL	-	-	-	-	4	21	-	-	-	-	-	-	-	-	-	-	
SINGAPORE	14	214	-	-	-	-	63	603	200	425	-	-	-	-	-	-	
SLOVENIA	-	-	-	-	-	-	-	-	-	-	-	-	-	55	138	-	
SOUTH AFRICA	100000	108061	14	149	609	6092	-	-	182	3506	1833	34809	-	-	328	10065	
SPAIN	-	-	-	-	-	-	-	-	-	-	250	1890	-	-	-	-	
SRI LANKA	135	341	120	416	256	784	4070	8197	6599	16622	1459	16210	1253	27860	1272	33903	
SUDAN	-	-	-	-	5	134	-	-	260	1262	-	-	-	-	48	601	
SWITZARLAND	-	-	-	-	-	-	-	-	-	-	1	1	4	8	-	-	
SYRIA	-	-	-	-	-	-	-	-	-	130	2188	-	-	-	110	2331	
TAIWAN	-	-	-	-	-	-	-	-	-	10	14	-	-	-	-	-	
TANZANIA REP.	-	-	-	-	1486	5897	1302	3147	-	-	-	-	-	-	-	-	
THAILAND	-	-	-	-	-	-	-	-	-	-	960	6098	-	-	60	428	
TOGO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TURKEY	-	-	-	-	-	-	140	1537	-	-	-	-	-	79545	1466611	19	422
UGANDA	36065	36065	-	-	-	-	-	-	-	-	100	168	-	-	-	-	
U.A.E.	21	104	1072	1473	247	1543	52	115	5719	7121	1828	28474	1240	25206	17964	97573	
U.K.	15	281	-	-	-	-	907	1365	-	-	10	26	242	343	1	18	
U.S.A.	200	698	134	630	813	2290	1096	2215	500	2533	5007	20277	36052	693186	500	4426	
VIETNAM SOC.REP.	-	-	-	-	-	-	952	4071	-	-	7330	44986	-	-	-	-	
ZAMBIA	-	-	-	-	-	-	-	-	-	-	2	5	-	-	120	701	
ZIMBABWE	-	-	-	-	-	-	49	5	-	-	-	-	-	-	-	-	
UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	140	2357	-	-	17112	77433	
TOTAL	694377	2954063	2145757	3461501	1857058	3489291	1897448	3852204	3023412	10980476	2550205	7268568	5308634	22744701	2645552	17424507	

(QUANTITY IN TONNES AND VALUE IN '000 Rs.)

COUNTRY	IMPORT																
	2004-2005		2005-2006		2006-2007		2007-2008		2008-2009		2009-2010		2010-2011		2011-12		
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	
1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
AFGANISTAN	-	-	-	-	-	-	-	-	-	-	-	-	86	386	-	-	
ARGENTINA	24010	178198	-	-	-	-	-	-	-	-	-	-	0	0	-	-	
AUSTRALIA	12391706	48857577	1444082	79181693	15982936	91001317	20863485	113662393	19734915	15080452	23141828	188108022	18379915	190342984	28001280	369820218	
AUSTRIA	-	-	-	-	-	-	-	-	-	-	528	3475	-	-	175607	1405028	
BAHARAIN IS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12750	58452	
BANGLADESH	-	-	-	-	-	-	-	50	162	64	212	-	-	800	2244	204	
BENIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8000	28865	
BELGIUM	-	-	-	-	-	-	-	-	-	-	-	-	20592	204561	4803	61230	
BHUTAN	-	-	-	-	-	-	-	-	120	275	-	-	-	-	-	-	
BOSNIA HARZGOVIN	-	-	-	-	-	-	-	-	-	-	-	-	58166	1313972	-	-	
CANADA	48293	343260	-	-	42633	241996	19	609	53	1640	36	1053	21	337	229599	3157153	
CHILE	123900	375039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHINA P. REP.	1861207	36384593	5475725	31677774	8295973	49832869	4299380	48612317	2043741	43522429	130279	2028602	1120075	21836740	1199271	21834731	
COLIMBIA	38811	304615	-	-	22391	101253	140	1676	603	7623	176962	2594249	156387	1688497	127001	2756825	
COTE D'IVOIRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45598	192108	
CZECH REP.	-	-	-	-	-	-	-	-	-	-	1	10	-	-	6824	97345	
DENMARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	306	
EGYPT A. REP.	22158	504441	-	-	26844	275874	32998	329942	-	-	86317	1514360	-	-	-	2000	7010
FRANCE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5480	72298	
GERMAN F. REP.	61	2095	162	2717	37	1203	59	1822	76	2857	40	1410	21	752	49353	704394	
GUINEA BISSAU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7500	27443	
HONGKONG	-	-	-	-	-	-	-	-	-	-	-	-	-	116	2027	35	
INDONESIA	9127516	20679749	16057983	36481089	18740878	42913199	19516881	52844545	28767683	126439907	32164179	115473599	38973398	147797062	55260271	258416953	
IRAN	-	-	-	-	-	-	23376	254889	556	5157	-	-	14286	107492	85902	683289	
IRELAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10017	34021	
ISRAEL	-	-	-	-	-	-	-	-	-	-	43603	306145	-	-	59999	951431	
ITALY	-	-	-	-	480	1311	-	-	-	10998	165116	10072	208505	14135	210237		
JAPAN	161400	2711118	99245	681343	370172	2569296	214899	2324820	70343	10076636	281043	4004989	121168	2016917	452152	8769539	
JORDAN	-	-	-	-	-	-	-	22552	45902	-	-	-	-	-	-	-	
KENYA	-	-	-	-	-	-	-	-	-	-	-	-	49997	675849	-	-	
KOREA REP.	-	-	-	-	-	-	-	-	-	-	-	-	29742	744048	24007	230314	
KYRGHZSTAN	-	-	-	-	-	-	-	-	-	-	-	-	204	2148	-	-	
LATVIA	-	-	-	-	-	-	-	-	-	-	-	-	49999	523774	1365	17855	
MALTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10000	113984	
MALYESIA	141	2348	16	294	22	169	24649	150249	-	-	-	-	11279	147287	62776	484089	
MAURITIUS	-	-	-	-	-	-	-	-	-	-	-	-	61	430	-	-	

STATEMENT NO.6.1 (CONT.)

(QUANTITY IN TONNES AND VALUE IN '000 Rs.)

COUNTRY	IMPORT															
	2004-2005		2005-2006		2006-2007		2007-2008		2008-2009		2009-2010		2010-2011		2011-12	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MEXICO	-	-	-	-	-	-	-	-	-	-	-	-	21536	239291	16100	175346
MONGOLIA	-	-	-	-	-	-	-	-	-	-	16	545	-	-	-	-
MOROCCO	-	-	-	-	-	-	12011	154050	-	-	-	-	-	-	2097	9856
MOZAMBIQUE	-	-	44108	130839	-	-	-	-	-	-	82917	314731	100	685	49057	492492
MYANMAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19810	85626
NEPAL	-	-	-	-	24	181	14	9	-	-	-	-	-	-	-	-
NETHERLAND	19860	130804	-	-	71	1734	-	-	4	77	46369	518344	7003	19545	50339	488424
NEWZELAND	243434	1133368	606411	4065906	692210	4395593	770544	4494271	839628	8862858	1059317	9976882	836645	8020180	959787	12985853
NIGERIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24230	318880
OMAN	-	-	-	-	-	-	-	-	-	-	29828	164894	-	-	-	-
PAKISTAN IR	-	-	-	-	-	-	8300	36308	115	606	-	-	48	239	259	1139
PHILIPPINES	-	-	-	-	-	-	322917	900287	194017	715140	670972	2235122	266672	668177	60552	208396
POLAND	45000	388963	-	-	-	-	-	-	-	-	384121	5131822	43730	1061861	85043	1972992
PORTUGAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	16300
QUATAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	659
RUSSIA	460905	5846118	78811	641603	50200	199181	102179	484268	499263	7743904	2144075	9899116	428599	6191028	1494500	14530755
SAUDI ARAB	-	-	3	86	-	-	-	-	-	-	-	-	-	-	102358	674692
SINGAPORE	5015	11722	-	-	466	1324	80151	610491	-	-	-	-	-	-	24766	517204
SPAIN	-	-	-	-	--	-	-	-	-	-	95	1976	591	14809	244	6593
SOUTH AFRICA	532095	1971505	32439131	9813138	2387874	8175974	6972778	28690262	7093242	44981007	14492318	61269478	2903112	61231979	12217251	77107162
SRI LANKA	-	-	-	-	-	-	-	-	-	-	-	-	376	6338	-	-
ST LUCIA	-	-	-	-	-	-	35860	152279	-	-	-	-	-	-	-	-
SWEDEN	-	-	-	-	-	-	-	-	-	-	246192	2671350	-	-	-	-
SWITZERLAND	19589	156472	-	-	15290	141268	-	-	-	-	-	-	-	-	-	-
TAIWAN	100956	332321	-	-	545	5390	-	-	100	1634	-	-	-	-	69548	456708
TAJIKISTAN	-	-	-	-	-	-	-	-	-	-	53	505	-	-	-	-
TANZANIA REP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6000	17617
THAILAND	50	7010	39	507	20	267	20	296	45278	417908	-	-	-	-	25113	291954
TURKEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7500	37442
U.A.E.	1562	5011	-	-	-	-	-	-	10326	152262	200	1151	10000	37240	75290	868937
U.K.	1087	14651	983	15336	638	12046	596	10085	600	11730	1330	23579	104407	1093244	36863	694661
UKRAINE	66807	916251	-	-	-	-	-	-	-	-	125538	1131658	51349	599543	666611	10084895
U.S.A.	775879	6376995	1022433	7628020	878151	5439054	558632	3669080	1215151	16325013	1494925	14558029	2051559	23623109	3007634	40140037
VIETNAM SOC.REP.	182692	1162979	120408	86086	301018	1766463	202131	1230855	257863	3419100	206483	2002241	289925	3635509	85002	1545173
VENEZUELA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32204	413266
UNSPECIFIED	-	--	-	-	-	-	-	-	6000	21343	-	-	387408	2078709	232060	1650080
ZIMBABWE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6122	30189
TOTAL	26254134	128797203	57389540	170406431	47808873	207076962	54042069	258615965	60802293	277835672	77020563	424102453	66399445	476137498	105217314	835959832

STATEMENT NO. 6.2

Trend in Index of Labour Earnings in Coal Mines (Base Year : 1985 = 100)

STATE	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ANDHRA PRADESH	477.89	510.86	608.94	656.83	704.78	705.48	833.69	855.38	1057.57	1067.60	1203.17	1509.21	1849.02
ASSAM	383.32	358.96	528.97	698.91	740.74	777.78	725.8	892.19	1221.76	1399.27	1188.42	1655.51	1959.82
CHATTISGARH	0	517.43	636.84	679.89	738.18	789.85	794.19	1072.82	1371.68	1415.40	1499.79	1711.93	2608.95
GUJARAT	708.24	848.33	1089.66	1223.54	1370.36	1534.8	1433.14	1547.97	1898.43	2001.14	3166.05	4152.44	4154.38
JHARKHAND	560.06	566.51	699.46	740.02	842.62	893.18	558.93	988.74	1131.92	1202.42	1463.05	1593.06	1913.65
JAMMU & KASHMIR	721.73	776.01	886.67	970.53	1057.87	1058.93	1188.79	1149.2	1129.88	1171.55	1238.85	1389.57	1389.57
MADHYA PRADESH	519.6	534.94	691.15	696.11	701.98	706.19	746.21	1050.4	1178.79	1390.98	1800.85	1848.81	3558.99
MAHARASHTRA	553.88	621.17	759.59	815.83	872.94	929.68	905.71	1119.39	1502.50	1756.67	2074.98	2104.01	3687.40
ORISSA	542.77	537.24	721.22	786.87	857.69	934.88	865.63	838.99	1050.95	1175.23	1779.34	1746.36	1712.29
TAMILNADU	434	536.32	727.94	732.76	737.88	743.04	743.04	796.22	651.38	618.78	2034.96	3101.59	3101.59
UTTAR PRADESH	447.55	434.97	535.13	545.5	555.86	566.97	622.55	792.49	858.69	847.62	1399.91	1433.75	1448.99
WEST BENGAL	494.18	534.24	606.97	649.98	695.48	744.16	770.2	881.82	1149.45	1161.26	1390.86	1498.50	2935.60
ALL INDIA (COAL)	521.38	636.52	666.42	706.6	746.87	787.95	853.5	964.15	1379.86	1471.44	1776.73	1947.75	2958.71

N.B. : The average linking factor for new series with base year 1985 to old series with base year 1975 is 4.920.

STATEMENT NO. 6.3

Average weekly Cash Earnings of Coal Mines Workers During the month of December, 2011

(in Rupees)

STATES	Category of Workers											OVERALL	
	BELOW GROUND WORKINGS				OPEN CAST WORKINGS				ABOVE GROUND WORKINGS				
	Overman & Sirdar	Miners & Loaders	Other Face Workers	Others	Overman & Sirdar	Miners & Loaders	Other Face Worker	Others	Clerical Staff	Others			
1	2	3	4	5	6	7	8	9	10	11	12		
ANDHRA PRADESH	8795	7339	5044	6979	12016	7462	9895	7541	10743	7960	7280		
ASSAM	9358	7986	6098	5699	10201	--	7118	--	8182	7602	7630		
CHATTISGARH	13027	9416	9068	8100	18317	1497	6453	12668	9785	9461	9123		
GUJARAT	--	--	--	--	7563	7844	8666	4845	7592	5209	5589		
JAMMU & KASHMIR	3637	1410	--	1927	--	--	--	--	2672	2013	1738		
JHARKHAND	7534	6973	6245	3480	10519	1848	9220	7079	8106	5638	5454		
MADHYA PRADESH	14666	9516	10036	15043	12846	6453	7777	7259	12781	12578	11507		
MAHARASHTRA	16167	11984	8763	15085	12265	12016	9968	13276	9819	7693	10102		
ORISSA	8115	3575	6252	6009	7631	--	--	6007	7635	6061	6227		
RAJASTHAN	--	--	--	--	5870	--	--	4689	7332	6230	5323		
TAMILNADU	--	--	--	--	12117	9000	--	10790	13633	13872	12780		
UTTAR PRADESH	--	--	--	--	6549	--	5400	6359	6273	5452	5980		
WEST BENGAL	11854	9677	12166	5925	8954	--	9653	2868	9511	7037	7979		
ALL INDIA	10800	7950	8195	6333	11750	4084	8760	8323	9859	8011	7802		

October 2014

Price {
 Inland: ₹ 550.00
 Foreign: £ 7.90, 12.10