

**List of DGMS Approved Closed Circuit Self Contained Breathing Apparatus As on 30.04.2024**

<b>S.No.</b>	<b>Name of apparatus</b>	<b>Manufacturer</b>	<b>Indian Agent</b>	<b>Validity</b>
1.	Open Circuit Compressed Air Breathing Apparatus  CABA 9000	M/s.Joseph Leslie Drager Manufacturing Pvt. Ltd., Leslico House, 4 <sup>th</sup> Floor, Prof. V.S.Agase, Dadar(W), Mumbai- 400 026.		31.12.2027
2.	Self Contained Close Circuit Oxygen Breathing Apparatus (PSSBG -4 EP)	M/s.Drager Safety AG & CO. KgaA, RevalstraBe 1, D-23560 Lu beck, Germany	M/s.Joseph Leslie Drager Manufacturing Pvt. Ltd., Leslico House, 4 <sup>th</sup> Floor, Prof. V.S. Agase, Dadar(W), Mumbai- 400 028.	31.08.2026
3.	Self Contained Oxygen Breathing Apparatus (Positive Pressure) Model BIOPAK 240R	M/s. Biomarine Ntron Inc, 456 Creamery Way, Exton, PA 19341, USA	M/s.Powertake Mining Pvt. Ltd., 27, Fathepur, G.T.Road, Sitarampur - 713 359, Asansol Dist. Burdwan.	29.09.2024
4.	Open Circuit Breathing Apparatus, Drager (Model-PAS LITE)	M/s.Drager Safety AG & CO. KgaA, RevalstraBe 1, D-23560 Lu beck, Germany	M/s.Drager Safety AG & CO. KgaA, RevalstraBe 1, D-23560 Lu beck, Germany	08.04.2026  (SA-01/2022)
5.	Positive Pressure type Self Contained Closed Circuit Compressed Oxygen Breathing Apparatus, Model P-70i	M/s DEZEKA SP-TURKEY	Aleksey Chernov, Dezege SP Guvenlik Urunleri Sanayi Ve Ticaret Anonim Sirket, EGE Serbest Bolgesi Zafer SB Mah Nilufer SK. No. 30, Gaziemir Izmir, Turkey-999999	31.12.2024

**List of DGMS Approved Detonators As on 30.04.2024**

<b>Sl. No.</b>	<b>Name of the apparatus</b>	<b>Type of gassy seams</b>	<b>Type.</b>	<b>Name &amp; addresses of <u>Detonators</u> the Manufacturer/Suppliers</b>	<b>Validity</b>
1.	Copper Electric Detonators with NHN	III	NHN	-do-	17.03.2026
2.	Coal Delay Detonators(CDD)	I, II &  III	Delay	Gulf Oil Corpn. Ltd., Kukatpally, Post Bag No.1, Sanath Nagar, IE, Post Hyderabad – 500 018	31.12.2025

3.	Solar Copper Delay Detonator (0-6)	I & II	Delay	M/s Solar Industries India Ltd. 11, Zade Layout, Bharat Nagar, Nagpur-440 033.	24.03.2024 & 08.03.2024
4.	Solar Inst. Copper Electric Detonators (CED)	I & II	Inst.	-do-	29.03.2024, 19.11.2023
5.	Solar Copper Delay Detonators (Epoxy Powder Coated steel shell) 0-6 nos.	I	Delay	-do-	16.02.2023
6.	Copper Electric Detonators (Epoxy Powder Coated Steel Shell)	II	Delay	-do-	09.03.2020
7.	Copper Electric Detonators (Epoxy Powder Coated Steel Shell)	II	Instantaneous	-do-	20.01.2025
8.	Supreme Copper Detonators (CDD)	I & II,	Delay	M/s Economic Explosive Ltd. . 11, Zade Layout, Bharat Nagar, Nagpur-440 033.	31.03.2024
9.	Supreme Copper Detonators (CDD)	III	Delay	-do-	18.09.2023
10.	Supreme Copper Delay Detonators (CDD) (Epoxy Powder coated steel shell)	I	Delay	M/s Economic Explosive Ltd. . 11, Zade Layout, Bharat Nagar, Nagpur-440 033.	30.9.2024
11.	Supreme Copper Delay Detonators (Epoxy Powder coated steel shell) (0-6)	II	Delay	M/s Economic Explosive Ltd. . 11, Zade Layout, Bharat Nagar, Nagpur-440 033.	29.06.2023
12.	Super Coal Delay Detonators (0- 6) with (Epoxy)	I	Delay	-do-	04.12.2026
13.	Super Coal Delay Detonators (0- 6) with (Epoxy)	II	Delay	-do-	15.01.2024
14.	Instantaneous Copper Electric Detonators with (Epoxy)	I	Instantaneous	-do-	15.01.2027
15.	Super Coal Delay Detonators (0- 6) with (Epoxy)	III	Delay	-do-	19.01.2024
16.	Instantaneous Copper Electric Detonators with (Epoxy)	II	Instantaneous	-do-	01.02.2027
17.	Instantaneous Copper Electric Detonators with (Epoxy)	III	Instantaneous	-do-	07.03.2024

18.	CED (AP-CED)	II	Instantaneous	-do-	23.03.2024
19.	A.P. Permitted Delay Detonators 0 to 6 (AP PDD)	III	Delay	-do-	02.01.2023
20.	Copper Coated Steel Permitted Delay Detonators 0-6 APSPDD	I	Delay	-do-	24.08.2026
21.	Copper Coated Steel Permitted Electric Detonators APSED	I	Instantaneous	-do-	24.08.2023
22.	Copper Instantaneous Electric Detonators (CET), CDET-Electra-G	I	Inst.	M/s C-Det Explosive. Pvt. Ltd. 2 <sup>nd</sup> Floor, 79, Shivaji Nagar, Nagpur-440010.	10.05.2023
23.	Copper Electric Detonators (0-6) (CED), CDET-Electra-G	III	Inst..	-do-	30.08.2023
24.	Copper Electric Detonators (0-6), CDET-Vectra (CDD)	I	Delay.	-do-	26.05.2023
25.	Permitted Delay electric Detonators- CDET Vectra PDD(0-6 delays)	I	Delay	-do-	10.07.2026
26.	Permitted Delay electric Detonators- CDET Vectra PDD(0-6 delays)	II	Delay	-do-	25.08.2028

**List of approved Exploder as on 30.04.2024**

<b>Sl. No.</b>	<b>Name of the apparatus</b>	<b>Type of gassy seams</b>	<b>Type</b>	<b>Name &amp; Addresses of the manufacturers/ suppliers</b>	<b>Validity</b>
1.	Star Brand 25 shot Exploders(Ex-25)	I & II	-do-	M/s. Electrical Equipment Corpn., 314. Udyog Vihar, Phase – 6, Sector- 37, Gurgaon-122 001 (Haryana)	27.09.2026
2.	Rhino 100 shot Exploders		-do-	-do-	31.10.2024

**List of DGMS Approved Explosive As on 30.04.2024.**

<b>Sl. No.</b>	<b>Name of the apparatus</b>	<b>Type of gassy seams</b>	<b>Type.</b>	<b>Name &amp; addresses of the Manufacturer/Suppliers</b>	<b>Validity</b>
1.	Powergel- 501 (GE220) (Senetal permittted 5000 (Code	I, II,& III	P-5	IDL	30.11.2025

	GE 220)				
2.	Pentadyne (PE-5I) Chub Pack ed	III	P-5	-do-	29.12.2025
3.	EMULCOAL-500 (composition EP5-01)	I	P-5	-do-	03.10.2023
4.	EMULCOAL-300 (Composition EP3-03)	I	P-3	-do-	12.01.2027
5.	Super coal-3 (Code No.SEL/EM/07/P-3)	I&II	P-3	-do-	19.09.2026
6.	Superme Coal-5, a P5	I	P-5	-do-	21.05.2024
7.	EMULCOAL-300 (Composition EP-3-03) a-P-3	II	P-3	Do	26.09.2027
8.	Shakticoal E-1 (Code No. EM-SBL/02), P-1	I	P-1	M/s. Special Blast Ltd., G-5, Wallfort Ozone, Near Fafadih Chowk, Raipur- 492 009, C.G.	27.05.2025
9.	Shakti Coal E 5 (Code No EM-SBL/08)	I	P-5	-do-	12.01.2027
10.	Shakti Coal-E-5 (Code No. EM-SBL-08)	II	P-5	Do	09.01.2027
11.	Novacoal-5 (NFCL/A-9)	I &II	P-5	M/s Navbharat Fuse Co Ltd,  Navbharat Udyog Bhawan, Ring Road No-1, Ravigram, Raipur-492006 (Chhattisgarh)	10.11.2024
12.	Novacoal-1 (NFCL/102)	I	P-1	-do	01.10.2024
13.	MEC Coal-1	I	P-1	Ms Ama Industries Pvt Ltd, Maimoon Chambers, Ganghibagh.Nagpur-440002.	01.10.2024
14.	MEC Coal-5	I	P-5	-do-	01.10.2024

**Updated List of approved manufacturer/suppliers of safety items as on  
30.04.2024**

<b>Sl.No.</b>	<b>Name of the apparatus</b>	<b>Type of gassy seams</b>	<b>Approval No.</b>	<b>Name &amp; addresses of the manufacturer/suppliers</b>	<b>Date of Validity</b>
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<b>Gas Detectors &amp; Systems</b>					
1.	Portable Gas Detector model Pac 7000 CO & Pac 7000 O <sub>2</sub> for measurement of carbon monoxide & Oxygen in belowground coal mines	Coal Mines	SA-7/2009 for Pac 7000 CO & SA-8/2009 for Pac 7000 O <sub>2</sub>	M/s Drager Safety AG & Co. KgaA  Revalstrasse 1.D-23560,Lubek Germany.	24.04.2023
2.	Ultima Gas Detector (IR/Catalytic type) to be used as LMD in Coal Mines	Coal Mines	SA-16/2009	M/s Mines Safety Appliances Company, PO Box no. 427, Pittsburg, PA 15230, USA	10.09.2025
3.	Multi Gas Detector model VENTIS MX4 with pump for detection of LEL(methane), oxygen, carbon monoxide and hydrogen sulphide	In all mines [Gas group I and zone 1 & 2 of II C atmosphere ]	SA-09/2014	M/s Industrial Scientific Corporation, USA 1001 Oakdale Road, Oakdale, PA 15071-1500, United States of America.	19.11.2023
4.	Methane and Carbon Monoxide gas detector model No. MP/CH4CO-O2	Coal Mines	SA-04/2015	M/s M.P. Enterprises, Mohalbani (Near old coke bhatta), P.O.- Bhowra, Dist- Dhanbad – 828 392, Jharkhand	04.11.2024
5.	Portable Multi Gas Detector Model – X-am 5600 (type – MQG 01**)	Coal & Metal Mines	SA-04/2017	Mr. Anton Schrofner,  M/s Drager Safety AG & Co., KGaA, Revalstrasse 1, 23560, Lubeck, Germany.	05.04.2027
6.	Portable Multi Gas Detector, Model- X-am 2500 (type –MQG 0011)	Coal & Metal Mines	SA-05/2017	Mr. Anton Schrofner,  M/s Drager Safety AG & Co., KGaA, Revalstrasse 1, 23560, Lubeck, Germany.	16.04.2027
7.	Mobile Gas Detector Model Pac 6*00/8*00 (MOG 00*)	Coal & Metal	SA-03/2022	Mr. Anton Schrofner,  M/s Drager Safety AG & Co., KGaA, Revalstrasse 1, 23560, Lubeck, Germany.	28.08.2027
8.	Gas Detector Model: GX-3R PRO	Coal & Metal	SA-02/2023	M/s Riken Keiki Co. Ltd., 276 Azusawa Itabashi Ku, Tokyo, Japan	22.05.2025
9.	Gas Detector Model: GX-3R	Coal & Metal	SA-01/2023	M/s Riken Keiki Co. Ltd., 276 Azusawa Itabashi Ku, Tokyo, Japan	22.05.2025

<b>Environmental Monitoring System</b>					
1.	Approval to use Programmable sensor controller TX-9042, single port repeater TX-2122.56 and multi port repeater TX-2122.57 alongwith single port isolator TX-2121 with Environmental Monitoring system	In all mines.	SA-68/95	Vishwa Microprocessors (P) Ltd., Cresnet Tower First floor,1 BD,2296,A.J.C.Bose Road,Kolkata-700 020.	31.8.2025
2.	Environmental Monitoring System S-66021/24/2006-GenI (Old file No. 16(1)99-GenI	Coal Mines	SA-06/2003	by M/s Jagdamba Tyres Retreading Co., Dhanbad.	30.07.2025
3.	Intrinsically safe TX 6351-2 Sentro 1 Sensor/Transmitter & TX 9081 Sentro Trip Amp/Transmitter	Coal Mines	DGMS Approval No. 722 of 2017	M/s Trolex Ltd., 10 Newby Road, Hazel Grove, Stockport, SK7 5DY, United Kingdom (Vishwa Microprocessors Pvt. Ltd.,  62A, Hazra Road, West Bengal, Kolkata-700 019	10.02.2027
<b>Cap Lamp</b>					
1.	Intrinsically safe cum-weatherproof (IP-65) Miner's safety cap lamp type MCL-4LM	-do-	SA-6/2007	FCG Hi-tech Pvt. Ltd.  Shree Pant Bhuvan, Mamasahab Warekar Bridge, Mumbai-400007	30.11.2025
2.	Intrinsically safe cum weatherproof (IP-65) LED Miner's Safety Cap lamp	-do-	SA-21/2008	CSK Technologies, 1 <sup>st</sup> & 2 <sup>nd</sup> Floor,  S.A.Towers, H.No. 3-5-885/1, Himayath Nagar, Near Old M.L.A. Qtrs., Hyderabad – 500029	21.11.2025
3.	Intrinsically safe rechargeable miner's safety cap lamp with single LED of double filament type instead of 3 LEDs and the cable length of the caplamp till the external battery IS-RH-LED-02 would be upto 1.5 mts.	-do-	SA-5/2011	-do-	11.07.2026
4.	Intrinsically safe rechargeable Cap Lamp with inbuilt Li-ion battery type IS-RH-LED-05	Underground Coal Mines	SA-02/2018	M/s Flameproof Equipments Pvt. Ltd., 'Flameproof House' Plot No. B-39, (Near Monginis), New Link Road, Andheri (W), MUMBAI- 400 053	18.09.2028
5.	LED Cap Lamps, Model – DEW-	Underground	SA-02/2019	M/s Dishant Engineering	13.01.2024

	X-4	d Coal Mines		Works, 144/145, J.N. Mukherjee Road, Plot No.-48, Near Shaktipur, Ghusury, Howrah – 711 107	
6.	Ex-I Intrinsically safe Ex-I rechargeable LED Cap Lamp with built in battery Cat. No.PEW/CAP/Exi/051	Coal Mines	SA-01/2019	M/s Prompt Engineering Works, 18/2 Singh Industrial Estate, Ram Mandir Road, Goregaon (West) Bombay – 400 104	13.01.2024
7.	Intrinsically safe Rechargeable Cap Lamp with Inbuilt RF Drive Circuit (IS-RH-LED-11)	Metal Mines	SA-02/2022	M/s Flameproof Equipments Pvt. Ltd., 'Flameproof House' Plot No. B-39, (Near Monginis), New Link Road, Andheri (W), MUMBAI- 400 053	18.10.2024
8.	Intrinsically safe Rechargeable Cap Lamp with Inbuilt RF Drive Circuit (IS-RH-LED-11)	Coal Mines	SA-01/2024	M/s Flameproof Equipments Pvt. Ltd., 'Flameproof House' Plot No. B-39, (Near Monginis), New Link Road, Andheri (W), MUMBAI- 400 053	29.04.2029
<b>Flame Safety Lamp</b>					
1.	Velox GL-7	I,II & III	SA-7/70	J.K.Dey & Sons,13, Old China Bazar Street,Calcutta-700 001	14.9.2025
2.	Velox GL-50	Regulation 208(3) of CMR2017	SA-6/82	J.K.Dey & Sons,13, Old China Bazar Street,Calcutta-700 001	30.11.2024
<b>Coal Dust Explosibility Meter</b>					
1.	Coal Dust Explosibility Meter, Model – CDEM-1000	Coal Mines in Gas Group I atmosphere only.	SA-01/2016	M/s Sensidyne LP, 1000 112 <sup>th</sup> Circle North, Suite 100, St. Petersburg, Florida, USA	19.01.2026

**Approved List of Self Rescuer as on 30.04.2024**

S.No.	Name of apparatus	Manufacturer	Indian Agent	Approval No.	Validity
1.	Chemical Oxygen Type Self Rescuer Model "Ci-	M/s DEZEGA Holding Ukraine	M/s Intech Safety Pvt. Ltd.		

	30" (Duration 30 minutes)	Ltd., erstwhile JSC Donetsk Mine Rescue Equipment Plant, Ukrain	Madhurima House, 83 & 84, Chanditala Main Rd., Kolkata-53.	SA-3/2007	30.09.20 27
2.	Chemical Oxygen Type Self Rescuer Model- ШСС-I П (Duration 60 minutes)	M/s JSC Donetsk Mine Rescue Equipment Plant, Ukrain	M/s Intech Safety Pvt. Ltd. Madhurima House, 83 & 84, Chanditala Main Rd., Kolkata-53.	SA-16/2003	30.09.20 26
3	Oxygen Self Contained Self Rescuers Model Oxy 6000 MK II  (Duration 60 minutes)	M/s Draeger Safety AG & CO. KGaA, Revalstrasse 1, 23560 Lubeck, Germany	M/s Draeger Safety India Pvt. Ltd., 9 <sup>th</sup> & 10 <sup>th</sup> Floor, Commerz II, International Business Park, Oberoi Garden City, Off Western Express Highway, Goregaon (East), Mumbai 400 069	SA-01/2018	12.09.20 28
4.	Chemical Oxygen type Self Contained Self Rescuer Model SHS-30 E	M/s Corporation Roshimzaschita, Corporation Roshimzaschita 19, MorshanskeyeSho sse 392680, Tambov City, Tambov, Dist. Tambov, State: Tombav (Russia) – 392680	M/s AGG Lifesciences & Safety Solutions LLP, Bhopal, A- 205, Minal Residency (Old), J.K. Road, Bhopal (M.P.), India – 462 023	SA-03/2019	20.05.20 24