

**APPROVAL OF ELECTRICAL APPARATUS & CABLES UNDER Regulation 181(3) of
the COAL MINES REGULATIONS, 1957**

**The list of approved flameproof, intrinsically safe electrical lighting fitting is not exhaustive
and subject to verification of the approval documents.**

Sl. No.	Description of equipments	Name of Manufacturer (M/S)	Approval no.	Valid upto
S1	FLP/WP head & tail lamp designated as type no. LF-03 suitable for 24/40 W halogen lamp at 24 V DC (max.) in cast iron construction	Safex (India), Ashirwad Complex, PO-Nagnagar, Dhanbad-826 004	457 of 1998	30.12.2010
S2	Flameproof fluorescent lighting fitting in mild steel/cast iron construction designated by type no. FT1-40 rated at 2X40 W, 125 V AC (max.) for group-I atmosphere	Safex (India), Ashirwad Complex, PO-Nagnagar, Dhanbad-826 004	489 of 2003	31.01.2010
S3	FLP/WP well glass lighting fitting designated by type-LF-01 rated at 110 V(max.) AC/DC suitable for 60 W GLS lamp in cast iron construction conforming to	Safex (India), Ashirwad Complex, PO-Nagnagar, Dhanbad-826 004	463 of 1999	07.05.2010
S4	Flameproof bulk head lighting fitting in cast iron construction type LF-02, suitable for 40 W and 60 W GLS lamp at 110 V	Safex (India), Ashirwad Complex, PO-Nagnagar, Dhanbad-826 004	460 of 1999	19.01.2010
F1	Flameproof/weatherproof fluorescent tube light fitting with appropriate and approved cable sealing and gland of mining type in cast iron construction designated type-FLP/RH/1500 and suitable for use with 2X40 W tube lamps of 110 V conforming to IS:2148-2004, IS:12063-1987 & IS:13346-2004 for use in belowground Coal Mines.	Flameproof Equipments Pvt. Ltd. Plot No.B-39 (Near Monginis) New Link Road, Andheri (W), Mumbai – 400 053.	330 of 1994	18.10.2010
F2	Flameproof/weatherproof well glass lighting fitting in cast iron casing type-FLP-WF-13 suitable for 100 W (GLS) lamp at 125 V (max.) conforming to IS:2148-2004, IS:12063-1987 & IS:13346-2004 for use in belowground Coal	Flameproof Equipments Pvt. Ltd. Plot No.B-39 (Near Monginis Cake Factory) New Link Road, Andheri (W), Mumbai	323 of 1993	03.01.2010

	Mines.	– 400 053.		
F3	Flameproof cum weatherproof bulkhead fitting, suitable for upto & including 1X100 W GLS/2X26 W CFL lamp/1X65 W CFL lamp with mirror optic reflector in cast iron construction as designated by category no. FLP-RH-106 conforming to IS:2148-2004, IS:12063-1987 and IS:13346-2004 for use in belowground Coal Mines	Flameproof Equipments Pvt. Ltd. Plot No.B-39 (Near Monginis Cake Factory) New Link Road, Andheri (W), Mumbai – 400 053.	556 of 2007	03.05.2009
M1	FLP bulkhead type-SXA lighting fitting with isolator of 16 A, 110 V suitable for 60 W incandescent lamp in cast iron construction conforming to IS:2148-2004 and IS:13346-2004 for use in belowground coal mines.	Mine Line Pvt. Ltd., 23, Indrani Park, Kolkata-700 033.	442 of 1995	13.03.2010
SM1	Headlight type PA-3 suitable for 55/60 W (incandescent) or 80/55 W (Halogen) lamps at a voltage 12/24 V (max.) or 100 W (Halogen) at 24 V	SAIT Mine Line Pvt. Ltd., 152, Harish Mukherjee Road, Kolkata-700 025	454 of 1997	03.05.2010
K1	Flameproof/weatherproof (IP-65) head light rated at 55 W, 12 V AC fitted with toughened type-A glass (incorporated with 10 W, 12 V AC, pilot light) type no. KHL-A & B conforming to IS:2148-2004 & IS:13346-2004 for use in belowground coal mines.	Kaysons Techno Equipments Pvt. Limited 1802/7 : Phase-IV GIDC Estate Vithal Udyognagar – 388 121(Gujarat).	471 OF 2000	19.06.2010
P1	Flameproof bulk head light fitting in cast iron construction rated at 110 V, 50 Hz for 80 W HPMV lamps, 2 nos. of 9 W, 11 W, 15 W, 20 W and 23 W compact fluorescent lamps, category no. PFC/BH/1020 conforming to IS:2148-2004 & IS:13346-2004 for use in belowground Coal Mines.	Pluto Flameproof Controls 7-A : Singh Industrial Estate no.1 Ram Mondir Road : Goregaon (West) Mumbai-400 104.	487 of 2003	09.01.2010
P2	Flameproof and weatherproof well glass light fitting with built in control gear in cast iron enclosure rated upto 125 V, 50 Hz upto and	Pluto Flameproof Controls 7-A : Singh Industrial Estate no.1	480 of 2002	23.01.2012

	including 80 W HPMV lamps or upto & including 2X42 W CFL category no. PFC/WG/14A conforming to IS:2148-2004 & IS:13346-2004 for use in belowground Coal Mines.	Ram Mondir Road : Goregaon (West) Mumbai-400 104.			
W1	FLP/WP CFL lighting fittings in cast iron construction, category no. WE/CFL/245 suitable for 9/18/23 W (two lamps at a time) 110 V	Western Engineers, 72, Central Avenue, Sarda Bhawan, Nagpur-440 018	485	of	26.11.2008
W2	FLP/WP enclosure for well glass lighting fitting in cast iron construction designated by category no. WE-WG-025 suitable for 100 W (GLS) lamps (Z category) and 9 W CFL lamp at 125 V	Western Engineers, 72, Central Avenue, Sarda Bhawan, Nagpur-440 018	494	of	12.12.2008
ABC1	FLP MS fabricated enclosure for 2X20 W 2 (2 ft.) fluorescent tube light at 110 V	ABC Electricals Pvt. Ltd., 23A, Netaji Subhas Road, 10 th Floor, Room no. 44, Kolkata-700 001.	232	of	13.03.2010
EEE1	Flameproof/weatherproof Head Light model-EEEL HL-301 conforming to IS:2148-2004 & IS:13346-2004 for use in belowground Coal Mines.	Eimco Elecon Electricals Ltd., C/o Eimco Elecon (India) Ltd., Anand Sojitra Road, Vallabh Vidyanagar-388 120 (Gujarat).	572	of	21.07.2009