











VISION

To be a leading & Innovative company in the field of renewable energy sources and Lighting Solutions.

MISSION

To provide most eco friendly energy efficient products with reliable in quality, safe to use and at affordable price which makes our customers life simple and comfortable. With our innovative products and solutions we want to contribute to the development of our society.

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FLAMEPROOF FIRE ALARAM/MANUAL CALL POINT



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
GAS GROUP:IIA,IIB,IIC
Weatherproof:IP 66
Finish:red color
Gasket:Neoprene
Cable Entry:2 Nos. 3/ 4" ET Entry

FLAMEPROOF HOOTER WITH FLASHER



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
GAS GROUP:IIA,IIB,IIC
Weatherproof:IP 66
Finish:Light Grey to Shade 631
Gasket:Neoprene
Cable Entry:2 Nos. 3/ 4" ET Entry.
Noise Level:120db.

FLAMEPROOF LIMIT SWITCH (ROLLER/LEVER TYPE)



Flameproof: Zone 1 & 2, Gas group: IIC Weatherproof: IP 65 Finish: Light Grey to Shade 631 Gasket: Neoprene Cable Entry: 1 Nos. 3/4" ET Entry. Limit Switch: 1NO+1NC, 10A 500V

Material: Cast Aluminium Alloy LM6.

FLAMEPROOF STOP PUSH BUTTON STATION



Type of protection: Ex-d
Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
GAS GROUP: IIA, IIB, IIC
Weatherproof: IP 66
Finish: Light Grey to Shade 631
Gasket: Neoprene
Cable Entry: 2 Nos. 3/4" ET Entry.

FLAMEPROOF PUSH BUTTON STATION R/F/S



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2
Gas Group:IIA,IIB,IIC
Weatherproof:IP 66
Finish:Light Grey to Shade 631
Gasket:Neoprene
Cable Entry:2 Nos. 3/4" ET Entry.
Forward PB: Green Colour-NO CONTRACT
Reverse PB: Yellow Colour, - NO CONTRACT

FLAMEPROOF START/STOP PUSH BUTTON STATION



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,IIA,IIB,IIC
as per IS/IEC 60079-1:2007
Weatherproof:IP 66 as per IS/IEC 60529:2001
Finish:Light Grey to Shade 631 of IS:5 (
Epoxy Powder Coated)
Gasket:Neoprene

Cable Entry:2 Nos. 3/4" ET Entry. Start PB:Green Colour, Momentary Type

FLAMEPROOF PUSH BUTTON STATION WITH INDICATION LAMP



Material:Cast Aluminum Alloy LM6.
Flameproof: Zone 1 & 2,IIA,IIB,IIC
as per IS/IEC 60079-1:2007
Weatherproof:IP66 as per IS/IEC 60529:2001
Finish:Light Grey to Shade 631 of IS:5
(Epoxy Powder Coated)
Gasket:Neoprene, Cable Entry:2 Nos. 3/4" ET Entry.
Start PB: Green Colour, Momentary Type
Stop PB: Red Colour, Mushroom Head,
Pad Lockable or Key Lockable type
Indicating Lamp: Red colour for ON indication

FLAMEPROOF ON/OFF ROTARY SWITCH

Material:Cast Aluminium Alloy LM6.

Flameproof: Zone 1 & 2,IIA,IIB,IIC as per IS/IEC 60079-1:2007 Weatherproof:IP 66 as per IS/IEC 60529:2001

Finish:Light Grey to Shade 631 of IS:5 (Epoxy Powder Coated)



Gasket:Neoprene Cable Entry:2 Nos. 3/4" ET Entry. Switch: 16A/32AMP/25AMP DP ON/OFF Rotary Switch

FLAMEPROOF SWITCH SOCKET COMBINE



Material: Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP:IIA,IIB,IIC Weatherproof: IP 66 Finish: Light Grey to Shade 631 Gasket: Neoprene

Cable Entry: 2 Nos. 3/4" ET Entry. Switch: 16A/25AMP/32AMP Switch RATING: 230VOLT /415 VOLT

Pin: 3 PIN (2P+E) 4 PIN (3P+E),5 PIN(4P+E)

FLAMEPROOF TEMPERATURE INDICATOR



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,IIA,IIB,IIC as per IS/IEC 60079-1:2007
Weatherproof:IP 66 as per IS/IEC 60529:2001
Finish:Light Grey to Shade 631 of IS:5 (Epoxy Powder Coated)
Gasket:Neoprene
Cable Entry:2 Nos. 3/4" ET Entry.

RANGE :0 TO 200 DEGREE , 0 TO 400 DEGREE

FLAMEPROOF REACTOR VESSEL LAMP



Type of protection: Ex-d

Material: Cast Aluminium Alloy LM6

Flameproof: Zone 1 & 2 Gas Group: IIA,IIB

Finish: Light Grey to Shade 631 Glass: Heat Resistant Toughened Cable Entry: 2 Nos. 3/4" ET Entry.

FLAMEPROOF BULK HEAD LIGHT FITTING



Type of protection: Ex-d

Material: Cast Aluminium Alloy LM6.

Flameproof: Zone 1 & 2, Gas group: IIA,IIB

Finish: Light Grey to Shade 631 of IS:5 Glass: Heat Resistant Toughened Type

Lamp Holder: ES Holder.

Cable Entry: 2 Nos. 3/4" ET Entry. Lamp Rating: 160W MLL, 125W HPMV,

23W CFL.20W LED.40 W LED

FLAMEPROOF CLEAN ROOM FITTING 2 X 36



Type of protection: Ex-d

Material: Cast Aluminium Alloy LM6

Flameproof: Zone 1 & 2 Gas Group: IIA,IIB

Finish: Light Grey to Shade 631

Glass: Heat Resistant Toughened Type-A

Lamp Holder: ES Holder

Cable Entry: 2 Nos. 3/4" ET Entry.

Lamp Rating (Integral type: 2 X 36 W PL TUBE, 40 W LED.60 W LED SUPPLY 230 V AC

FLAMEPROOF AVIATION LIGHT



Type of protection: Ex-d

Material: Cast Aluminium Alloy LM6

Flameproof: Zone 1 & 2 Gas Group: IIA,IIB

Finish: Light Grey to Shade 631

Glass: Heat Resistant Toughened Type-A Cable Entry: 2 Nos. 3/4" ET Entry.

FLAMEPROOF FLOOD LIGHT FITTING



Material: Cast Aluminum Alloy LM6.

Flameproof: Zone 1 & 2, Gas Group: IIA, IIB, IIC Weatherproof: IP 66

Finish: Light Grey to Shade 631

Gasket: Neoprene

Glass: Heat Resistant Toughened Lamp Holder: ES Holder.

Cable Entry: 2 Nos. 3/4" ET Entry Led rating: 100W,120W,150W,200W

FLAMEPROOF HAND LAMP



Material: Cast Aluminum Alloy LM6.

Flameproof: Zone 1 &2 , Gas group: IIA,IIB,IIC Weatherproof: IP 66

Finish: Light Grey to Shade 631

Gasket: Neoprene

Glass: Heat Resistant Toughened Lamp Holder: ES Holder. Cable Entry: 1 Nos. 3/4" ET Entry.

Lamp Rating: 15W CFL,100W GLS,10W LED

FLAMEPROOF SUNFLOWER LED LIGHT FITTING



Material: Cast Aluminium Alloy LM6.

Flameproof: Zone 1 & 2, Gas Group: IIA,IIB,IIC Weatherproof: IP 66

Finish: Light Grey to Shade 631

Gasket: Neoprene

Glass: Heat Resistant Toughened Cable Entry: 2 Nos. 3/4" ET Entry. Lamp Rating (Integral type): 25 W LED, 45 W LED, 55 W LED, 60 W LED

FLAMEPROOF TOWER LAMP



Type of protection: Ex-d

Material: Cast Aluminium Alloy LM6 Flameproof: Zone 1 & 2

GAS GROUP:,IIA,IIB Finish: Light Grey to Shade 631

Glass: Heat Resistant Toughened Type-A

Lamp Holder: ES Holder

Cable Entry: 2 Nos. 3/4" ET Entry.

FLAMEPROOF TUBE LIGHT FITTING



Type of protection: Ex-d Material: Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2,

Gas Group: IIB, Weatherproof: IP 65 Finish: Light Grey to Shade 631,

Gasket: Neoprene

Glass: Heat Resistant Toughened Type-A

Lamp Holder: Pin type Holder., Cable Entry: 2 Nos. 3/4" ET Entry.

Lamp Rating: 1x40W,1x36W CFL,1x28W T5,1x22W LED

2x40W,2x36W CFL,2x28W T5,2x22W LED

FLAMEPROOF WELL GLASS FITTING DOME TYPE



Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2., Gas Group: IIA,IIB,IIC
Weatherproof: IP 66, Finish: Light Grey to Shade 631
Gasket: Neoprene, Lamp Holder: ES Holder.

Glass: Heat Resistant Toughened Type-A Cable Entry: 2 Nos. 3/4" ET Entry. Lamp Rating (Integral type):

160W M LL, 45W CFL, 25W CFL Lamp Rating (Integral type): 80W HPMV, 125W HPMV, 70W MH, 150MHL

Led Rating: 35W, 45W, 55W, 60W Supply: 230VAC

FLAMEPROOF JUNCTION BOX (GAS GROUP-IIA, IIB) MULTIPLE WAY MATERIAL CAST ALUMINUM AUDIT MS



Material: Cast Aluminum Alloy LM6.
Flameproof: Zone 1 & 2, Gas group: IIA, IIB,
Weatherproof: IP 66, TEMP CLASS: T6
Finish: Light Grey to Shade 631
Gasket: Neoprene, Cable Entry: as per request
Box size: 300MM X 300 MM X150MM
380MM X 380 MM X 150MM
470MM X 470MM X 150MM

760MM X 530 MM X150MM INNER DEPTH: 150MM, 240MM, 300MM FLAMEPROOF JUNCTION BOX
(GAS GROUP-IIC) MULTIPLE WAY



Material: Cast Aluminum Alloy LM6.

Flameproof: Zone 1 & 2, Gas group: IIA, IIB, IIC Weatherproof: IP 66, Finish: Light Grey to Shade 631 Gasket: Neoprene, Cable Entry: as per client request

Box size: 175MM X 175 MM X120MM 275MM X 275 MM X 150MM

> 375MM X 375MM X 150MM 500MM X 500 MM X150MM

INNER DEPTH: 150MM, 200MM, 250MM

FLAMEPROOF ANNUNCIATOR PANEL (4 TO 24 WINDOWS)



Material:Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2, Gas group:IIA,IIB Weatherproof:IP 65 Finish:Light Grey to Shade 631 Gasket:Neoprene Cable Entry:As per Customer Request

FLAMEPROOF AUTOMATION CONTROLLER PANEL



Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 &2, GAS GROUP: IIA, IIB Weatherproof: IP 66 Temp CLASS: T6

Finish: Light Grey to Shade 631

Gasket: Neoprene

Cable Entry: As per Customer Request

FLAMEPROOF CONTROL PANEL



Material: Cast Aluminium Alloy LM6. Flameproof: Zone 1 &2, GAS GROUP: IIA,IIB TEMP CLASS: T6 Weatherproof: IP 66 Finish: Light Grey to Shade 631

Gasket:Neoprene Cable Entry:As per Customer Request Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 &2, GAS GROUP: IIA, IIB

TEMP CLASS: T6
Weatherproof: IP 66

FLAMEPROOF DATA LOGGER PANEL

Finish: Light Grey to Shade 631

Gasket: Neoprene

Cable Entry: As per Customer Request

FLAMEPROOF STAR DELTA STARTER PANNEL



Material: Cast Aluminum Alloy LM6.

Flameproof: Zone 1 & 2 Gas group: IIA,IIB, Weatherproof: IP 66 Temp class: T6

Finish: Light Grey to Shade 631

Gasket: Neoprene

Cable Entry: As per your requirement

FLAMEPROOF HMI AUTOMATION PANEL



MATERIAL: CAST ALUMINUM ALLOY LM6. FLAMEPROOF: ZONE 1 &2.

FLAMEPROOF: ZONE 1 & GAS GROUP: IIA, IIB TEMP CLASS: T6 WEATHERPROOF: IP 66

FINISH: LIGHT GREY TO SHADE 631

GASKET: NEOPRENE

CABLE ENTRY: AS PER CUSTOMER REQUEST

FLAMEPROOF MOTOR CONTROL PANEL



Material:Cast Aluminum Alloy LM6.
Flameproof: Zone 1 &2,
GAS GROUP:IIB
Weatherproof:IP 65
Finish:Light Grey to Shade 631
Gasket:Neoprene
Cable Entry:As per Customer Request
RATING:3 HP,5 HP,7.5 HP X 3 NOS
STARTER IN ONE PANEL

FLAMEPROOF PCL PANEL ENCLOSURE



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 &2,
GAS GROUP:IIB
TEMP CLASS:T6
Weatherproof:IP 66
Finish:Light Grey to Shade 631
Gasket:Neoprene
No. of Feeders:As per Customer Request
Cable Entry:As per Customer Request

FLAMEPROOF VACCUM CONTROL PANEL



Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 &2,
GAS GROUP: IIB
TEMP CLASS: T6
Weatherproof: IP 66
Finish: Light Grey to Shade 631
Gasket: Neoprene

No. of Feeders: As per Customer Request

Cable Entry: As per Customer Request

FLAMEPROOF VFD PANEL



Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 &2,
GAS GROUP: IIB
Weatherproof: IP 65
Finish: Light Grey to Shade 631
Gasket: Neoprene
No. of Feeders: As per Customer Request
Cable Entry: As per Customer Request

FLAMEPROOF 12/18/24/36 WAY LIGHTING / POWER DISTRIBUTION BOARD



Material:-Cast Aluminum Alloy LM6. Flameproof: -Zone 1 & 2 Gas group:-IIA, IIB, IIC Weatherproof:-IP 66 as per IS/IEC 60529:2001

Finish:-Light Grey to Shade 631

Gasket:-Neoprene

FLAMEPROOF TEMP CONTROLLER



Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 & 2 Gas group: IIA,IIB,IIC Weatherproof: IP 65 Finish: Light Grey to Shade 631 Gasket: Neoprene Cable Entry: 3 Nos.3/4" ET Entry.

FLAMEPROOF INSTRUMENT ENCLOSURE



Material:-Cast Aluminium Alloy LM6.
Flameproof: -Zone 1 &2,
GAS GROUP: - IIB,IIC
Weatherproof: -IP 65
Finish:Light Grey to Shade 631
Gasket:Neoprene
Cable Entry:As per Customer Request

FLAMEPROOF DOL STARTER



Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 & 2 Gas group: IIA,IIB,IIC Weatherproof: IP 65 Finish: Light Grey to Shade 631 Gasket: Neoprene Cable Entry: 3 Nos.3/4" ET Entry.

FLAMEPROOF CLEAN ROOM PUSH BUTTON STATION ON /OFF



FLAMEPROOF CLEAN ROOM ROTARY SWITCH



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 &2,
GAS GROUP:IIA, IIB, IIC
Weatherproof:IP 66
Finish:Light Grey to Shade 631 of IS:5 (
Epoxy Powder Coated)
Gasket:Neoprene
Cable Entry:2 Nos. 3/4" ET Entry.
Switch: 16A/25A/32A DP ON/OFF Rotary Switch

FLAMEPROOF CLEAN ROOM BULK HEAD LIGHT FITTING



Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
Gas group: IIA. IIB
Finish: Light Grey to Shade 631 of IS:5
Glass: Heat Resistant Toughened Type
Lamp Holder: ES Holder.
Cable Entry: 2 Nos. 3/4" ET Entry.
Lamp Rating: 160W MLL. 125W HPMV,
23W CFL, 20W LED, 40 W LED
BOX: STAINLESS STEEL COVER PLATE/ MS BOX

FLAMEPROOF CLEAN ROOM SWITCH SOCKET COMBINE



Material: Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
3AS GROUP:IIA,IIB,IIC
Weatherproof: IP 66
Finish: Light Grey to Shade 631
Gasket: Neoprene
Cable Entry:2 Nos. 3/4" ET Entry.
Switch: 16A/25AMP/32AMP Switch
RATING: 230VOLT /415 VOLT
Pin: 3 PIN (2P+E) 4 PIN (3P+E),5 PIN(4P+E)

BOX: STAINLESS STEEL COVER PLATE/ MS BOX

FLAMEPROOF EXHAUST FAN



Material: Cast Aluminium Alloy LM6. Flameproof: IIB Weatherproof: IP 55 Finish: Light Grey to Shade 631 Size: 12" to 36" Motor Rating: 240 / 415 Volts AC. RPM: 1440 RPM. 50Hz



FLAMEPROOF PEDESTAL FAN

Certification Code: Exd, IIA, And IIB

Zone: 1 & 2

Protection: IP66

Temperature Classification: T6

FLAMEPROOF WALL MOUNTED FAN



Gas group:IIA,IIB,IIC
Temp Class: T6
FAN SIZE:16 INCH, 18 INCH,24 INCH,
RATING 230V AC,415V AC
MOTOR RPM:1440
HP:0.25 HP,0.50HP

FLAMEPROOF DOUBLE COMPRESSION CABLE GLAND/ DUMMY PLUG / PVC RUBBER HOOD



Material:
MS, Brass, and stainless steel
Flameproof:
Zone 1 & 2
Gas group: IIB
Weatherproof: IP 66

Size: 3/4" to 3" BSC Thread 1/2" to 2 1/2 " NPT

FLAMEPROOF DIRECT ENTRY CONTROL STATION



Material: Cast Aluminum Alloy LM6.
Flameproof: Zone 1 & 2,
GAS GROUP: IIA, IIB, IIC
Weatherproof: IP 66
Finish: Light Grey to Shade 631
Gasket: Neoprene
Cable Entry: 4 Nos. 3/4" ET Entry.



FLAMEPROOF CAMERA HOUSING



Resolution: 1000TVL, 1MP, 1.3MP, 2MP, 3MP
Vision: Day Night
Lens: Fixed Type -6mm/8mm/12mm/16mm
Meter Range:30mtr/40mtr/50mtr/80mtr
Voltage Supply:12V DC, Classification:Zone 1, Zone 2
Gas Group:I,IIA,IIB,IIC
Temperature Classification:T6
IP Protection:IP66
Cable Entry:02 Nos for M20(3/4°ET)

FLAMEPROOF CLOCK DIGITAL



Gas group: IIA, IIB, Zone: 1 & 2
Temperature Classification: T6, Color:Siemens Gray
Material Die Cast Aluminum
Type: Stand Alone, & Master / Slave
Display: 4 Inch Red FND

Time Format: Hours & Minute with Battery Backup
Operating Voltage230 VAC, Frequency50 Hz
Enclosure Approved ByCMRI Dhanbad
Enclosure Size510 (W)*300(H)*140(D) mm
Display Window Size385 (W)*215(H) mm

FLAMEPROOF DOOR INTERLOCKING SYSTEM



Material:Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP:IIA,IIB Finish:Light Grey to Shade 631 Gasket:Neoprene Cable Entry:2 Nos. M16" ET Entry.

FLAMEPROOF GAS DETECTOR ENCLOSURE



Material:Cast Aluminium Alloy LM6.
Flameproof: Zone 1 & 2,
GAS GROUP:IIA,IIB,IIC
Weatherproof:IP 66
Finish:Light Grey to Shade 631
Gasket:Neoprene
Cable Entry:4 Nos. 3/4" ET Entry



FLAMEPROOF HEATER ENCLOSURE

Material:Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP:HA,HB,HC Weatherproof:IP 66 Finish:Light Grey to Shade 631 Gasket:Neoprene Cable Entry:2 Nos. 3/4" ET Entry.

FLAMEPROOF M SHAPE TUBULAR HEATER PANEL



MATERIAL: CAST ALUMINUM ALLOY LMG.

FLAMEPROOF: ZONE 1 & 2, GAS GROUP: IIA.IIB.

FINISH: LIGHT GREY TO SHADE 631 CABLE ENTRY: AS PER REQUIREMENT



FLAMEPROOF MAGNET

Material: Cast Aluminum Alloy LM6.

Flameproof: Zone 1 & 2, GAS GROUP: IIA,IIB,

Finish: Light Grey to Shade 631

Gasket: Neoprene

OPERATING VOLTAGE:12VDC

CURRENT DRAW :500mA Holding force:upto 600 lbs

Cable Entry:M12 -1 NOS

FLAMEPROOF PASS BOX



Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP: IIA,IIB, Finish: Light Grey to Shade 631 Gasket: Neoprene

FLAMEPROOF THERMOCOUPLE HEADS/ SENSOR



Material: Cast Aluminum Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP: IIA,IIB Finish: Light Grey to Shade 631 Gasket: Neoprene Cable Entry: 1 Nos. 3/4" ET Entry



FLAMEPROOF UV TUBE LIGHT FITTING

Temp class: t6



Cable Entry: 1 Nos. 3/4" ET Entry.

Size:1 foot/2 foot

FLAMEPROOF WEIGHING SCALE UNIT



Material:Cast Aluminium Alloy LM6. Flameproof: Zone 1 & 2, GAS GROUP:IIA,IIB Finish:Light Grey to Shade 631 Gasket:Neoprene

Cable Entry:4 Nos. 3/4" ET Entry

FLAMEPROOF JUNCTION BOX 2/3/4 WAY



Material: Cast Aluminum Alloy LM6.
Flameproof: Zone 1 & 2, Gas group: IIA, IIB,
Weatherproof: IP 66, TEMP CLASS: T6
Finish: Light Grey to Shade 631
Gasket: Neoprene, Cable Entry: as per request

FLAMEPROOF EMERGENCY EXIT LIGHT FITTING





Type of protection- Ex-d
Material - Cast Aluminum Alloy Lm6
Flameproof - Zone 1 & 2
Gas group - IIA,IIB,IIC
Light specification - Maintained
1.5 hrs. Backup
5 W LED
Ni-Mh, Ni-Cd Rechargeable Battery
10 to 12 hrs. Recharging Period
Constant Voltage Charger

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