



सीएसआईआर - के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ

CSIR - CIMFR TESTING CELL

TEST CERTIFICATE / परीक्षण प्रमाण पत्र



ORIGINAL COPY

 FORMAT NO.: (CIMFR: DQM: FLP02: F-01:REV-01)
 (Flame & Explosion Laboratory)

ID NO.: 51/16

CODE NO. FLP/201/15-16

B.

Glass details	Max no. of aperture on cover
Size = Ø154X177X115mm Shape = Well Glass, Type = Toughened Thickness = 9mm thick, Cemented Path = 25mm, Sealing material = Epoxy resin compound, COT: - 20°C to 150°C	NIL

Note: S.S. wire guard is provided to protecting the glass of mess size 50x50sq. mm. The glass is supported by backing ring. For further details refer drawings.

11. Nature of Flameproof Joint: Type of joints and gaps (Flange joint, Spigot joint, threaded joint for Gas Gr. IIB)

Sr. No.	Location of flamepath	Type of Joint	Min. length for spigot joint OR Min. Axial threaded Length for threaded joint (in mm)		Max. gap (in mm) OR Min. No. of threads engaged and pitch size (in mm)	
			R e q .	S p e c .	R e q .	S p e c .
1.	Between single enclosure body and cover.	Threaded joint	8	20	5	13x(1.5P)
2.	Between enclosure body & top cover.	Threaded joint	8	15	5	10x(1.5P)

Max. No. & size of cable entries: Max. 2 nos. cable entry holes of sizes one no. M25x1.5 & 1 no. M19x1.5P are provided on the cover of the enclosure maintaining 25mm axial threaded length with min 8 full threads engaged for attachment of approved & certified type double compression type cable glands.

12. Name and Warning Inscription: The name-cum-warning inscription plate and rating plate made of Brass/SS is permanently fixed on the cover of enclosure by hammer driven rivets leaving min. 3mm material thickness below the rivets. The warning inscription shall read as "ISOLATE SUPPLY BEFORE OPENING".

13. Drawings: The unit is designed and constructed as flameproof and weatherproof in accordance with the following drawing conforming to the requirements of IS/IEC 60079-0:2004, IS/IEC 60079-1:2007 & IS/IEC 60529:2001.

Sl. No.	Drg. No.	Title	Rev.	Sheet	Date
1.	KK/WGLF/07/01	Flameproof/Weatherproof Well Glass Lighting Fitting.	1	1 of 1	01/12/2015