



सीएसआईआर - के० ख० एवं ई० अ० सो परीक्षण प्रकोष्ठ
CSIR - CIMFR TESTING CELL
TEST CERTIFICATE / परीक्षण प्रमाण पत्र ORIGINAL COPY

Continuation Sheet



FORMAT NO.: (CIMFR: DQM: FLP02: F-01:REV-01)
(Flameproof & Equipment Safety)

ID NO.: 52/16

CODE NO. FLP/201A/15-16

B.

Glass details	Max no. of aperture on cover
Size = Ø211X200X218 Shape = Well Glass, Type = Toughened Type 'A' (Borosil) Thickness = 13mm thick, Cemented Path = >25mm (AB+BC+CD) Sealing material = Epoxy resin compound, COT: - 20°C to 150°C	NIL

Note: M.S. wire guard is provided for 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.	Single Enclosure between body and cover.	Threaded joint	≥8mm	20mm	5	10
2.	Enclosure Between body & top cover.	Threaded joint	≥8mm	20mm	5	10

Max. No. & size of cable entries: Max. 2 nos. cable entries of sizes ¾" (19mm) BSC/ET or 1no. of 1" (25.4mm) BSP/ET ¾" (19mm) NPT/BSP or equivalent threads are providing maintaining 25mm (min.) threaded path and 10 engaged threads for attachment of appropriate and approved FLP/WP 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/07/02	FLAMEPROOF/WEATHERPROOF WELL GLASS LIGHTING FITTING.	1	1 of 1	01/12/2015

Rm
8.8.16.