

Annexure 1

Technical Specification for Mechanical seal at cable entry wall point at cable gallery

Sl.no	Description	Specification
1	Frame Material	Material Stainless Steel Press plates, screws, nuts and washers: rust free stainless steel V2A (AISI 304L)
2	Rubber	EPDM /NBR
3	Rubber Module	Multilayer technology
4	Seal Press plates	5 mm
5	Sealing width	40 mm
6	Water tightness	2.5 Bar
7	Gas Tightness	2.5 Bar
8	Temperature Resistance	-40 deg C to +140 deg C
9	Application Range	Waterproof concrete stress class 1 and 2
10	Application Range	Water exposure class DIN 18533: W1-E, W2.1-E and W2.2-E
11	Protection against	Fire proof ,Anti rodent & Radon-proof
12	Quality test	FHRK-certified
13	Certified according to	IEC & EN Standard
14	UV/Ozone Resistance	Excellent
15	15 Life Span	20+ Years

SERVICE CONDITIONS

The Cable Seal & Accessories To Be Supplied Against This Specification Shall Be Suitable For Continuous Operation Under The Following Tropical Conditions

Sl.no	Description	Specification
1	Max Atmospheric Temperature	60 deg C
2	Maximum annual rainfall	750 mm
3	Rainy months	September to December
4	Seismic Zone	IV

Sd xxxxx 13.11.2025
EXECUTIVE ENGINEER/OPERATION
MYLAPORE 230 KV GIS SS/CH-4

