

Comments Response Sheet

Submittal Title:	Cable Gland and Lugs	Final Status: Approved with comments
Submittal No.:	AGE-CCP1-MAT-EL-005-R01	Dated:03/07/2025

SN	DC PRO Comments	AGEPC Response	DC PRO Response
1	BW glands shall be used for indoor armoured cables.	Noted and Comply	Noted
2	CW type glands shall be used for all SWA cables for indoor applications.	Noted and Comply	Noted
3	E1W gland type shall be used for outdoor applications as specified.	Noted and Comply	Noted
4	E1W gland type shall also be used in wet areas and where fire sprinklers are installed, as specified.	Noted and Comply	Noted
5	All cable glands and lugs shall be supplied with matching cable sleeves.	Noted and Comply	Noted
6	A schedule of materials with corresponding quantities shall be provided. Area of application to be included.	Comply, Refer to the Schedule of Materials included in Section - 04	Quantities shall be provided as per final approved shop drawings / DEWA approved drawings.
7	Gland type for single-core cables with AWA armour to be provided in the submittal.	Noted and Comply	Noted
8	The minimum accepted IP rating is IP66.	Noted and Comply	Noted
9	Glands used with LSOH or fire-resistant cables shall be suitable for the area of operation and provided with a low smoke fume shroud.	Noted and Comply	Noted
10	Contractor shall confirm that glands used for outdoor terminations are provided with non-deteriorating, UV-stabilized steel and shrouds.	Noted and Comply	Noted
11	Cable lugs and stud holes shall be suitable for use with the proposed cable type, ensuring no air gaps or loose connections.	Noted and Comply	Noted
12	Pre-insulated lugs shall be used only for power wires up to 4 sq.mm. Accordingly, a Cable Glanding/Termination Method Statement shall be prepared.	Noted and Comply	Noted
13	Material schedule to have details as per the Proposed cable size, type of application, area of installation (coorasion /non corosive) and QTY.	Comply, Refer to the Schedule of Materials included in Section - 04	Quantities and sizes shall be provided as per final approved shop drawings / DEWA approved drawings.
14	Separate submittal for Cable cleats to be submitte	Noted	Noted
15	Separate submittal for MV termination , to be submitted	Noted	Noted
16	PVC tapes are not to be used for sleeving the lug, Color-coded Rubber sleeves rated (1000V) only to be used for sleeving the LV cables , accordingly cable glanding and termination /testing method statement shall be prepared.	Noted	Noted
17	Sample Glands and lugs to be provided for approval before MIR for each cable size, type of application, area of installation , incase of non compliaance the Material submittal will be treated rejected	Noted	Noted
18	Cable glanding and termination for the Pumps motor and CT motor to be checked , as no onsite fabrication will be allowed.	Noted	Noted
19			Ensure cable lugs are copper and tinned.
20			Sizes of glands & lugs shall be as per final approved shop drawings / DEWA approved drawings.
21			Ensure cable glands and lugs shall be selected based on cable types such as but not limited to Fire rated / Fire proof cables.
22			All installations shall fully comply with contract documents, standards and latest statutory regulations / AHJ.
23			Every lot of delivery of cable glands and lugs should have country of origin certificate.
24			Latest certificates / reports for proposed materials to be provided.
25			Ensure proposed cable glands and lugs are compatible with approved cables / wires.
26			Ensure proposed cable glands and lugs are compatible with type of connection terminals on the approved equipments / machines / motors.
27			Sample to be provided for approval before MIR , in case of non compliance the Material submittal will be rejected.
28			MIR to be submitted upon receipt of material at site and test certificates alongwith DO's to be submitted.
29			Handling, storage, and installation shall be as per manufacturer recommendation, any defect and / or damage found by improper storage and installation shall be replaced with new material.
30			Warranty shall be project specific and duration shall match the project DLP of 02 years.
31			All our comments and Client's comments in Rev.00 and given here are to be fully complied.
32			The specification compliance shall be stamped by the Contractor as well.
33			Site mock up to be preared and submitted for final approval.
34			Final approval shall be by the Client and Authority having Jurisdiction (DEWA).
35			In case of non compliance to any of the above comments will make this approval null and void.