

Cable Gland Inspection Checklist

12 checks before energization | Printable site inspection aid for electrical, commissioning and QA/QC teams

Use: Complete under the approved site safety arrangements and project ITP. This checklist supports the inspection record; it is not an authorization to energize equipment.

Project / site		Inspection date	
Equipment / JB tag		Drawing / ITP rev.	
Cable tag / termination		Inspector	

Page 1: Gland selection, entry condition and assembly

No.	Check	What to verify / evidence	Pass	Fail	N/A	Evidence / defect ref.
01	Verify approved gland model	Compare the installed model and type with the approved schedule and product documents.				
02	Match cable type and diameter	Confirm cable construction and measured dimensions against documented gland suitability and clamping range.				
03	Confirm entry thread compatibility	Check thread type, size, engagement and enclosure entry against approved drawings.				
04	Inspect entry and seating surface	Look for burrs, damage, corrosion, distortion or anything affecting the seating interface.				
05	Check seals and components	Confirm required seals, washers and accessories are present, correct and undamaged.				
06	Confirm correct assembly	Compare component order and cable preparation with the manufacturer's instructions.				

Inspection note: Compare the installed parts with approved drawings and current manufacturer instructions. Do not assume cable conductor area alone confirms gland fit.

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12 checks before energization | Continue the same inspection record

Project / site: _____ Equipment / JB tag: _____ Inspection date: _____

Page 2: Retention, bonding, protection and closure

No.	Check	What to verify / evidence	Pass	Fail	N/A	Evidence / defect ref.
07	Verify tightening method	Follow product-specific instructions. Record specified torque only where applicable; do not assume a universal value.	☐	☐	☐	
08	Check retention and support	Verify cable retention and any separate support required by the route and installation conditions.	☐	☐	☐	
09	Check armour bonding where required	Confirm the specified armour termination and continuity check against the approved test method.	☐	☐	☐	
10	Check sealing and environmental suitability	Compare the installed arrangement with specified ingress, temperature and exposure requirements.	☐	☐	☐	
11	Verify hazardous-area documents where applicable	Match installed model, marking and certificate reference to approved project records.	☐	☐	☐	
12	Record results and close defects	Record Pass, Fail or N/A, evidence, defect reference, corrective action and required sign-off.	☐	☐	☐	

Defect / corrective-action record

Defect reference	Description and location	Correction / reinspection result

Inspection status	☐ Accepted for next project stage ☐ Defects outstanding ☐ Reinspection required
Inspector / date	_____
Reviewer / authorised release reference	_____

Important: "Accepted for next project stage" is not, by itself, permission to energize. Follow the approved ITP, electrical safety procedures and the responsible authority's release process. Torque values and electrical test limits must come from the applicable manufacturer and project documentation.