

Sprinkler Grooved Coupling Assembly - JSA - C

en-US · Supervision, records, handover · v1.0 · 2026-10-14 · Sources: article section 9

Site: | Item ID: | Work area:

Approval	Work supervisor	Technical reviewer	Release / handover authority

1. Job details and team signatures

Date / time		Location / area		Assessor		Supervisor	
Team signatures							

2. Conditions and hold points

Stage	Time	Location / area	Environment / readings	Item / condition	Controls	Plant / tools	Approval / signature
HP-0 Start							
HP-1 Inspect ends and gasket							
HP-2 Tighten coupling							
HP-3 Hold and reassemble							
HP-4 Hand over for testing							

Complete after actual checks. Recheck after changes, defects or shift handover.

3. JSA risk assessment

Job stage	Hazards and effects	Failure factors	Technical and procedural controls	Site verification	P	S	R	A
1. Design and product acceptance	1. Wrong coupling application 2. Groove incompatibility 3. Unreviewed system change	1. Design revision missing 2. Model chosen by appearance 3. Listing scope not checked	1. Match approved design and parts 2. Verify groove and pipe basis 3. Resolve adopted-code requirements	1. Design revision and section 2. Pipe groove and coupling IDs 3. Applicable product listing				
2. Boundary and access release	1. Trapped-pressure injury 2. Operating-system impairment 3. Pipe or worker fall	1. Live branches unrecognized 2. Drainage not verified 3. Support or platform unaccepted	1. Confirm new-work separation 2. Verify safe pressure state 3. Accept support and access	1. Section isolation and drainage 2. Independent pipe support 3. Platform and lower exclusion				
3. Assembly method control	1. Rolled gasket 2. Housing damage 3. Incorrect bolt completion	1. Another model rule copied 2. Lubricant guessed 3. Tool capacity unsuitable	1. Provide actual instructions 2. Verify gasket and lubricant 3. Define tool and sequence	1. Model instruction revision 2. Gasket and lubrication basis 3. Fastening and visual criteria				
4. Joint inspection release	1. Defect enters pressure test 2. Wrong joint marked complete 3. Damage concealed	1. Wrench value accepted alone 2. Joint ID absent 3. Inspection responsibility unclear	1. Require model visual inspection 2. Link evidence to each joint 3. Keep incomplete joints on hold	1. Joint inspection register 2. Housing gasket and bolt checks 3. Named inspection responsibility				
5. Rework management	1. Pressurized adjustment 2. Rejected parts reused 3. Recurring misalignment	1. Safe state not renewed 2. Cause not corrected 3. Supports move during repair	1. Require renewed pressure check 2. Resolve part and groove cause 3. Verify reassembly and support	1. Fault and cause record 2. Replacement part evidence 3. Repeat inspection result				
6. Test-team handover	1. Held joints pressurized 2. Assembly mistaken for approval 3. Open defect lost	1. Register incomplete 2. Testing scope undefined 3. Handover only verbal	1. Transfer accepted and held list 2. Require separate test authorization 3. Assign unresolved actions	1. Joint and section register 2. Test procedure and lead 3. Receiving acceptance and holds				

P/S/R/A: Complete only after actual site assessment using the site risk method.

4. Pre-work checklist

☐ Design revision and section	☐ Section isolation and drainage	☐ Model instruction revision
☐ Joint inspection register	☐ Fault and cause record	☐ Joint and section register
☐ Applicable product listing	☐ Named inspection responsibility	☐ Receiving acceptance and holds