

Walk-in cold-room goods handling - JSA - C

en-SG · 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 Test escape							
HP-2 Enter and notify							
HP-3 Respond to delay							
HP-4 Close and transfer							

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. Picking and exposure plan	1. Cold stress 2. Excessive handling 3. Delayed assistance	1. Product target used for people 2. Warming plan absent 3. Outside contact unassigned	1. Assess actual cold exposure 2. Plan loads and warming breaks 3. Name outside receiver	1. Room and exposure conditions 2. Clothing and warming plan 3. Contact and overdue procedure				
2. Escape acceptance	1. Entrapment 2. Undetected distress 3. Dark exit	1. Internal release defective 2. Call not received 3. Lighting failed	1. Test escape without entrapment 2. Prove end-to-end contact 3. Verify visible release and exit	1. Release test and defects 2. Receiver and alarm response 3. Lighting and exit route				
3. Route release	1. Ice slip 2. Cart collision 3. Blocked escape	1. Threshold moisture freezes 2. Wheels unsuitable 3. Goods obstruct door	1. Control ice and its source 2. Check cart suitability 3. Keep doorway clear	1. Floor threshold and drainage 2. Wheels brakes and load 3. Escape clearance				
4. Worker accountability	1. Worker left inside 2. Overdue return missed 3. Cold symptoms ignored	1. Goods count substitutes roster 2. Return time not agreed 3. Observation absent	1. Track named entry and exit 2. Act on overdue contact 3. Stop on symptoms or wet clothing	1. Entrant and actual exit log 2. Return checks and contact 3. Worker and clothing condition				
5. Emergency coordination	1. Secondary casualty 2. Refrigerant exposure 3. Delayed rescue	1. Unplanned entry attempted 2. Alarm discounted 3. Location unclear	1. Activate room-specific response 2. Keep others outside danger 3. Provide roster and hazard state	1. Last contact and location 2. Alarm and refrigerant details 3. Trained response and access				
6. Facilities handover	1. Defective door reused 2. Repeated icing 3. Unknown remaining entrant	1. Repair hold only verbal 2. Drainage cause omitted 3. Roster not closed	1. Reconcile people separately 2. Assign facilities repairs 3. Transfer entry restrictions	1. Final person count 2. Door floor and alarm defects 3. Repair owner and release evidence				

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

4. Pre-work checklist

☐ Room and exposure conditions	☐ Release test and defects	☐ Floor threshold and drainage
☐ Entrant and actual exit log	☐ Last contact and location	☐ Final person count
☐ Contact and overdue procedure	☐ Worker and clothing condition	☐ Repair owner and release evidence