

Hood-type dishwasher rack operation - JSA - B

en-SG · Technical failure review · 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 hood and area							
HP-2 Load and close							
HP-3 Hold fault or jam							
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. Inspect hood and area	1. Finger pinch 2. Chemical leak 3. Floor slip	1. Handle loose 2. Hose leaking 3. Drainage poor	1. Inspect handle and interlock 2. Hold any leak 3. Maintain drainage ventilation	1. Interlock condition 2. Chemical and water leaks 3. Floor and exhaust				
2. Arrange rack	1. Heavy rack strain 2. Dish fall 3. Unstable load	1. Rack overloaded 2. Stacking unsuitable 3. Table height wrong	1. Use permitted loading 2. Support dishes correctly 3. Arrange handling height	1. Rack loading pattern 2. Load stability 3. Transfer height				
3. Load and close	1. Rack jam 2. Unexpected cycle 3. Hood damage	1. Rack skewed 2. Start mode ignored 3. Hood forced	1. Align without force 2. Withdraw hands before close 3. Use designated controls	1. Hands and nearby people 2. Hood closure 3. Start response				
4. Observe complete cycle	1. Hot-water exposure 2. Chemical fault 3. Electrical fault	1. Completion guessed 2. Alarm repeatedly reset 3. Leak ignored	1. Observe actual cycle phase 2. Stop abnormal operation 3. Report leaks and alarms	1. Steam behaviour 2. Alarm display 3. Leaks and supply condition				
5. Open and unload	1. Hot-dish contact 2. Rack drop 3. Wrist strain	1. Protection unsuitable 2. Landing occupied 3. Rack unsupported	1. Keep clear of steam path 2. Use suitable heat protection 3. Support rack on clear table	1. Opening method 2. Protection and dish state 3. Receiving support				
6. Hold fault or jam	1. Leak exposure 2. Interlock bypass 3. Unsafe dish use	1. Leak continues 2. Safety held defeated 3. Affected rack unmarked	1. Control access 2. Use designated repair route 3. Hold affected racks	1. Hood and guard condition 2. Repair and function result 3. Rack identity and hold				

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

4. Pre-work checklist

☐ Interlock condition	☐ Rack loading pattern	☐ Hands and nearby people
☐ Steam behaviour	☐ Opening method	☐ Hood and guard condition
☐ Floor and exhaust	☐ Leaks and supply condition	☐ Rack identity and hold