

Commercial Heat-Pump Laundry Drying - JSA - B

en-US · Technical failure review · v1.0 · 2026-10-12 · 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 Prepare filters							
HP-2 Start and observe							
HP-3 Unload safely							
HP-4 Clean and hand over							

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. Prepare filters	1. Unexpected drum motion 2. Blocked heat exchange 3. Electrical exposure	1. Cleaning while active 2. Air intake obstructed 3. User repair exceeds scope	1. Fit intact specified filters 2. Clear required air paths 3. Refer repairs to specialists	1. Filter clean dry and fitted 2. Air-path condition 3. Maintenance restrictions				
2. Load and select	1. Overloaded drum 2. Door pinch injury 3. Unexpected access	1. Wrong program selected 2. Fabric trapped in door 3. Person or object inside	1. Select textile program 2. Clear door sealing area 3. Check drum before closure	1. Program selection 2. Door and filter condition 3. Drum and area clear				
3. Start and observe	1. Overheating 2. Electrical fault 3. Repeated unsafe restart	1. Alarm repeatedly reset 2. Leak or odor ignored 3. Stop function defective	1. Keep safeguards effective 2. Watch for abnormal signs 3. Stop and report faults	1. Program indication 2. Noise odor heat and leaks 3. Access controlled				
4. Complete cooling	1. Heat retained in load 2. Post-cycle ignition 3. Unexpected drum contact	1. Display off assumed complete 2. Hot load left unattended 3. Drum still moving	1. Verify actual completion 2. Assign unloading owner 3. Wait for complete stop	1. Completion indication 2. Residual heat assessed 3. Drum fully stopped				
5. Unload safely	1. Handling strain 2. Dropped heavy bundle 3. Contact with hot textiles	1. Too much lifted at once 2. Cart unsuitable 3. Residual load overlooked	1. Use manageable portions 2. Use suitable stable cart 3. Check entire drum	1. Cart and handling space 2. No laundry left inside 3. Combustibles separated				
6. Hold interrupted load	1. Defective dryer restart 2. Unsafe fire approach 3. Untracked affected batch	1. Cause unresolved 2. Door opened during smoke 3. Hot load marked complete	1. Retain equipment hold 2. Use emergency plan for smoke 3. Follow safe interruption plan	1. Heat and odor observations 2. Repair and test evidence 3. Release scope recorded				

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

4. Pre-work checklist

☐ Filter clean dry and fitted	☐ Program selection	☐ Program indication
☐ Completion indication	☐ Cart and handling space	☐ Heat and odor observations
☐ Maintenance restrictions	☐ Drum fully stopped	☐ Release scope recorded