

Commercial Heat-Pump Laundry Drying - JSA - A

en-US · Basic task controls · 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. Sort textiles	1. Contaminated-load fire 2. Unsuitable textile damage 3. Foreign-object damage	1. Oil history unknown 2. Care label ignored 3. Pockets not checked	1. Check batch origin 2. Match drying labels 3. Remove foreign objects	1. Batch and fabric identity 2. Contamination assessment 3. Drying suitability				
2. Load and select	1. Uneven drying 2. Overloaded drum 3. Door pinch injury	1. Capacity exceeded 2. Wrong program selected 3. Fabric trapped in door	1. Match load to model 2. Select textile program 3. Clear door sealing area	1. Load and capacity basis 2. Program selection 3. Door and filter condition				
3. Start and observe	1. Moving-drum contact 2. Overheating 3. Electrical fault	1. Door safeguard faulty 2. Alarm repeatedly reset 3. Leak or odor ignored	1. Verify safe normal start 2. Keep safeguards effective 3. Watch for abnormal signs	1. Door and stop function 2. Program indication 3. Noise odor heat and leaks				
4. Complete cooling	1. Hot-textile burns 2. Heat retained in load 3. Post-cycle ignition	1. Cooling cut short 2. Display off assumed complete 3. Hot load left unattended	1. Allow normal cooling 2. Verify actual completion 3. Assign unloading owner	1. Cooling phase complete 2. Completion indication 3. Residual heat assessed				
5. Unload safely	1. Heat buildup in cart 2. Handling strain 3. Dropped heavy bundle	1. Hot dense pile formed 2. Too much lifted at once 3. Cart unsuitable	1. Follow heat-release method 2. Use manageable portions 3. Use suitable stable cart	1. Heat and storage condition 2. Cart and handling space 3. No laundry left inside				
6. Clean and hand over	1. Lint accumulation 2. Hot-load abandonment 3. Faulty filter reuse	1. Cleaning omitted 2. Next shift uninformed 3. Filter defect unreported	1. Complete permitted cleaning 2. Transfer hot-load status 3. Report filter defects	1. Cleaning and filter record 2. Batch completion status 3. Unresolved equipment limits				

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

4. Pre-work checklist

☐ Batch and fabric identity	☐ Load and capacity basis	☐ Door and stop function
☐ Cooling phase complete	☐ Heat and storage condition	☐ Cleaning and filter record
☐ Drying suitability	☐ Residual heat assessed	☐ Unresolved equipment limits