Check List

Hopper Car Unloading for Customers

Guidelines for unloading polyethylene

STEP	ACTIONS	ОК
	INBOUND - SAFETY & SECURITY PROCEDURES	
1	A D Personal Protective Equipment (PPE) - Always follow your company safety procedures.	
	B G Safety - Ensure derail, blue caution flag/sign, and wheel chocks in place, and handbrake set.	
	C Security Inspection – No signs of tampering (e.g., broken/altered security seal), no visible pest contamination, suspicious items, vandalism, or other security concerns.	
	D J Hopper Car Damage Inspection - No obvious signs of damage, inoperable, or missing parts.	
SETUP – PREPARING HOPPER CAR FOR UNLOADING		
2	 A If hopper car has vented hatches, ensure vents are clear of snow and ice. If no vented hatches: Cut off top hatch seal, open hatch cover, and install hatch filter (only if safe access to top of hopper car). 	
	B Cut off seals to bottom draft tube end caps on compartments to be unloaded.	
	C Unlock and remove draft tube end caps from both ends.	
	D urge/remove any pellets or granular powder, and contamination from the inside of the draft tube.	
	E 🖵 Install inlet draft tube filter on air intake side.	
	F Connect offloading hose to discharge side of draft tube.	
	G 🖵 Connect bonding and grounding cables to hopper car, unloading hose/equipment, and grounding source.	
	H D Place pellet spill containment tray under offloading hose and draft tube connection.	
STARTING UNLOADING OPERATIONS		
3	A 🖵 Turn on conveying system.	
	B Open draft tube unloading valve in small increments to prevent large fluctuations of air pressure. Always follow	
	your company operating procedures.	
4	Pellets or granular powder that may be stuck/hung up.	
	 B If safe access to top hatch, visually check the compartment to verify it is empty (< 500 kg/1100 lbs.) If needed, use a non-metallic tipped rod/probe/pole through the hatch opening to move the resins into the draft tube. Reasonable care must be taken not to hit or damage the lining. 	
	C I Turn off conveying system.	
	D lf applicable, remove hatch filter, and close hatch.	
	E Close unloading valve, disconnect offloading hose, and remove air intake filters. Always follow your company operating procedures.	
	F Clean out the draft tube of any pellets or granular powder.	
	G 🗅 Reinstall draft tube end caps, lock arm, install pin, and apply security seal.	
	H - Clean up any spilled pellets or granular powder released during unloading operations.	
POST-UNLOADING / PRE-TRIP INSPECTION		
5	A 🖵 Safety – Unloading tools, equipment, and accessories removed from hopper car and rail track. Always follow your company operating procedures.	
	B Security Inspection – All valves and hatches closed, locked, and sealed. No visible pest contamination, suspicious items, or other security concerns.	
	C D Environment - Spilled pellets or granular powder cleaned up from floor/ground and hopper car.	
	D I Hopper Car Damage Inspection - No obvious signs of damage, inoperable, or missing parts.	

This hopper car unloading checklist is intended to provide general information concerning the handling of plastic resins and is provided without any representations or warranties as to applicability to any customer. Specific procedures and requirements will vary according to jurisdiction.





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