

Checklist for NGC Pallet Cleaning and Inspection

- Station Maintenance
 - Track alignment from station to station and rail to rail
 - Lift tracks are operational
 - Lift track sensors are adjusted
 - Couplers
 - Coupling covers
 - Clamping units
 - Sealing ledges align and are in operation
 - Sealing ledges seal properly
 - Floor panels are level and attached
 - Worm gears
 - Worm gear covers are operational
 - Worm gears are free of chips and defects
 - Work gear couplings are not loose
 - Work gear couplings and bearing are greased
 - Check operation of worm cover sensors
 - Check alignment for worm to worm transfer in all bays
- Hydraulic system
 - Pressure meets standard
 - Filters are clean
 - tank is debris free
 - Pump operation
 - Leak check fittings and hoses
 - Pressure sensors are operable
 - Check tank level with system off
- Wash System
 - Tank float sensor check
 - Pressure is reached
 - Heating unit operational
 - Chilling unit operational
 - Filters are clean
 - Hoses intact
 - Holding Tanks are clean
 - Ceiling wash is operational
 - Screens are clear of debris
- Doors
 - Sensors
 - SI Sensors
 - Operational
- Pallet Maintenance (For every Pallet)
 - Check wheels for damage
 - Check wheel bearings for damage
 - Clean wheels and underside of pallets
 - Check vacuum system for leaks
 - Check clamps
 - Clamp surface depth and alignment
 - Clamp surface parallelism
 - Clamps are free from defect
 - Wheel alignment is correct
 - Hydraulic system is leak free
 - Hydraulic pressure reached when coupled
 - Coupler alignment is correct

- Electronics and Pneumatics
 - Asses operation of IO system
 - Clean solenoids of debris
 - Check operation of all valves
 - Clean housing

Suggestions:

The Pallet system is in need of a deep clean and scrapping in some places. This will contaminate the coolant supply and the wash supply.

Both of these systems will need to be cleaned and purged as part of this inspection and maintenance

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