Ammonia refrigeration inspection checklist

IIAR 6 ammonia refrigeration inspection & maintenance checklist

Site _____ Asset or area _____ Inspected by _____ Date _____

Item	Pass	Fail	N/A	Notes
Compressors				
Oil level and pressure in normal range				
No unusual noise or vibration				
Safety cutouts tested and working				
No oil or ammonia leaks at seals				
Condensers and vessels				
Condenser coil and fans clean and running				
Water treatment in service, no scale				
Vessel shells without corrosion or damage				
Level controls and gauges working				
Insulation intact, no ice buildup				
Piping and valves				
Piping labeled with contents and flow				
No corrosion at supports or insulation				
Valve packing not leaking				
Hangers and supports secure				
Relief and safety systems				
Relief valves within replacement date				
Relief vent lines clear and capped				
Ammonia detectors tested and in date				
Machinery room ventilation starts on alarm				
Emergency shutoff switch works and is labeled				
Machinery room				
Doors self-close and signs posted				
Eyewash and safety shower working				
Room clear of storage and combustibles				

Signature: _____ Run this checklist on a phone with Dovient Lite: dovient.com/lite