

MECHANICAL INTEGRITY PROGRAMS

In today's regulatory environment it is vital to perform maintenance and inspections on time and to keep good records. Whether you prefer to work electronically or with paper, iWorkWise provides Mechanical Integrity and Maintenance Programs that are concise, compliant, site-specific and *workable*.

Ammonia Refrigeration Weekly Maintenance, Inspections, and Testing									
Month: _____									
[INSTRUCTIONS: When inspection has been completed, check appropriate box and initial in box next to inspection results.]									
Equipment	Inspection / Maintenance	Result of Insp.	Initial / Date	Result of Insp.	Initial / Date	Result of Insp.	Initial / Date	Result of Insp.	Initial / Date
Evaporative Condenser 1 (Evapco)	Visually inspect external appearance for any departure from normal (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check water quality and for biological contamination. Clean unit as needed (OEM)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check water level (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Evaporative Condenser 2 (Evapco)	Visually inspect external appearance for any departure from normal (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check water quality and for biological contamination. Clean unit as needed (OEM)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check water level (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
HPR	Check external condition (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check liquid level gauges for oil build-up. Drain as necessary (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Purge as necessary (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Recirculator	Check external condition (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Check liquid level gauges for oil build up (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Recirculator Oil Pot	Check external condition (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Drain oil as necessary (IIAR)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Purger	Record counter log (OEM)	<input type="checkbox"/> Done		<input type="checkbox"/> Done		<input type="checkbox"/> Done		<input type="checkbox"/> Done	
	Reset counter (OEM)	<input type="checkbox"/> Done		<input type="checkbox"/> Done		<input type="checkbox"/> Done		<input type="checkbox"/> Done	
	Inspect for unusual noise, vibration, sights and smells (OEM)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

iWorkWise can:

- ✓ Document system specifications and construction/ installation requirements
- ✓ Develop maintenance schedules specific to the needs of your plant and equipment
- ✓ Write procedures for maintenance activities
- ✓ Document and qualify welding procedures
- ✓ Create needed forms and logs
- ✓ Provide annual inspection checklists
- ✓ Create a system to quickly and easily document maintenance and repairs

Programs are compliant with:

- ✓ Original equipment manufacturer's (OEM) recommendations
- ✓ Recognized and generally accepted good engineering practices
- ✓ Industry guidance
- ✓ Plant operating experience

We can help. Maintenance and inspections can be done on time and documented correctly. iWorkWise will always take into account what your company's needs are and what would be most useful for your worksite and your people.



206-331-4130
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