

WORK INSTRUCTION W.I. EMS 12 V1

PLANT MAINTENANCE ENVIRONMENTAL CONTROL SYSTEMS

A Planned Preventative Maintenance schedule covering all plant involved in pollution prevention and control must be maintained to ensure it remains efficient and effective.

The schedule is as follows:-

Equipment	Inspection Frequency	Responsibility	Checks	Forms Reference*
Liquid Handling Systems (fats, molasses etc)	Monthly	Production Manager	Integrity of pipes, pumps, meters & valves.	EMS F2
	Weekly	EMS coordinator	Spill Kits complete	EMS F3
	Daily		Drip trays in place and functional.	
Tanks	Annual	Production Manager	Operating & Emergency high level systems & alarms. Pipe-work sound.	EMS F2
	Monthly	EMS Coordinator	Leaks Bund wall integrity, & security Before emptying any liquid that has accumulated the liquor must be appropriately tested	EMS F3
	Weekly	Shift Supervisor	Pump isolation during non-production periods.	EMS F1
Drainage chambers and catch pits	Annual	Production manager	Structurally sound inspection	EMS F2
	Quarterly		Empty and disposal.	
Drains	Annual	Production Manager	Structurally sound, no blockages. All drains must be inspected as per the drainage plan	EMS F2

		Production Manager / Maintenance Engineer	Take water discharge samples	Form W1
	Weekly	EMS coordinator	Check water discharge for visible oil & grease	EMS F1
Air Emissions – Bag Filters	Annual	Production Manager	Replacement programme.	EMS F2
	Daily	EMS coordinator	Check for leaks (burst bags).	EMS F1
Air Emissions - Coolers	Annual	Production Manager	Iso-kinetic testing. Check blockage probe operation.	EMS F2
	Weekly	EMS Coordinator	Check for blockages in trunking, separation units etc.	EMS F1
Boiler	Annual	Production Manager	Service	EMS F2
	6 Monthly		Efficiency checks (steam leaks, condensate leaks, trap checking)	
	Monthly		TDS, Excess oxygen checks, hotwell temperature	
Waste	Weekly	EMS Coordinator	Correct storage in designated containers, in designated areas. No leaks.	EMS F2

Inspections and remedial actions must be recorded on the appropriate Form*.

Preventative maintenance procedures and schedules for production plant and equipment are stipulated in the Site Maintenance System.

PLEASE DESTROY PREVIOUS COPIES

Signed:

Date: 20.01.2023



Copies to: Control Room, Maintenance & WI File