**arauco**

# Grayling Particleboard
# MAP RICE

| System Procedure Reference | Operational Control | Document # | EHS GPB GEN |
|---|---|---|---|
| Revision Contact | Environmental Manager | Revision Date | August 10, 2018 |
| Revision # | 001 | | |

## 1. Purpose

Preventative Maintenance and Malfunction Abatement Plan-for the Emergency Diesel Engines for the Facility.  Below are the Emission Units and Control Devices for this plan.

| Emission Unit | Control Device |
|---|---|
| EUEMRGRICE1 | |
| EUEMRCRICE2 | |
| EUFIREPUMP | |

This plan fulfills the requirements in current air permit and Malfunction Abatement plan requirements under MACT standard found in 40 CFR 63 Subpart DDDD.

Function:  To ensure proper operation of the Emergency Diesel Engines.  All of the Emergency Diesel Engines will be operated to manufacturer's recommendations.

The Engines will be meet the required inspections and maintenance as dictated in the RICE MACT regulation.

All manufacturer's emission setting will not be change unless specifically required or recommended by the manufacture.

Responsible supervisory personnel for overseeing the inspection, maintenance, and repair of air cleaning devices:  Maintenance Manager

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## A.  Preventative Maintenance Program

**Emission Source**:  EUEMRCRICE1, EUEMRCRICE2

Maintenance Program

| Item to be inspected | Frequency of Inspections or repairs | Type of inspection | Recordkeeping Method |
|---|---|---|---|
| Oil/Filter change | 500hrs or annually whichever is sooner | Change out | **SAP Work Order** |
| Spark plug/air filters | 1000hrs or annually whichever is sooner | Change out | **SAP Work Order** |
| Dielectric battery tests | Monthly | Test | **SAP Work Order** |
| Transfer switch | Monthly | Test | **SAP Work Order** |
| Generator | Monthly | Visual Inspection | **SAP Work Order** |
| Belts and Hoses | Annual | Visual Inspection | **SAP Work Order** |

**Emission Source**:  EUFIREPUMP

Maintenance Program

| Item to be inspected | Frequency of Inspections or repairs | Type of inspection | Recordkeeping Method |
|---|---|---|---|
| Oil/Filter change | 500hrs or annually whichever is sooner | Change out | **SAP Work Order** |
| Spark plug/air filters | 1000hrs or annually whichever is sooner | Change out | **SAP Work Order** |
| Dielectric battery tests | Monthly | Test | **SAP Work Order** |
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| Belts and Hoses | Annual | Visual Inspection | **SAP Work Order** |

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**Spare parts list for**

This list is a list of items to be either kept on hand or if the spare is utilized, then a replacement will be put on order.

**Emission Unit:  EUEMRCRICE1, EUEMRCRICE2**

| | |
|---|---|
| 2 | Intake air filters |
| 1 | Battery |
| 1 | Starter |
| 1 | Oil Filter |
| 1 | Cooling Pump |
| 1 | Cooling thermostat |
| 1 | Fuel injector Pump |
| 1 | Belt |

**Emission Unit:  EUFIREPUMP**

| | |
|---|---|
| 2 | Intake air filters |
| 1 | Battery |
| 1 | Starter |
| 1 | Oil Filter |
| 1 | Cooling Pump |
| 1 | Cooling thermostat |
| 1 | Fuel injector Pump |
| 1 | Belt |

**B.  Emission Unit (Source) and Air Cleaning Device Operating Variables to be Monitored**

**Emission Source**:  EMRGRICE1, EMRGRICE2, EMFIREPUMP

The above Emission Sources does not have any operating parameters that will directly affect emissions.

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**C.** **Corrective Procedures or Operational Changes taken in the event of a malfunction or failure to achieve compliance with applicable requirements.**

**Revision History**

| Revision Number | Revision Date | Description of Change |
|---|---|---|
| 00 | 8/10/2018 | Written |
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