



# Basic Diesel Generator Maintenance Checklist

conducted for

## Carl O'sheen Manufacturing Inc.

**Conducted on (Date and Time)**

16 Nov 2018 03:25 PM

**Job Number**

G-12456

**Generator Reference Number**

GEN-1489

**Full Name of Operator/Engineer**

Jown Art

**Address**

39-41 high streets peterport, Moffat GY1 2JT, UK

**Completed on**


16 Nov 2018 04:48 PM

**Score**

15/19.0 - 78.95%

## Failed Responses

This section lists responses that were set as "failed responses" in the template used for this audit

Question	Response	Details
Fuel filter or sediment bowl	Needs Action	Needs replacement
 Appendix 1		
Coolant level and anti-freeze mixture	Needs Action	Coolant is below its normal level.
Operation of cooling thermostat or louvers	Needs Action	Needs further investigation, it's not functioning well
Inspect of cooling system for leaks (pressure test), residue and operation. Check engine block heater.	Needs Action	Low air pressure

## **Actions**

#1. Hi Mark, Can you bring 1L of coolant here at generator room

Assignee: mark@comi.com

Priority: HIGH

Due Date: 16 Nov 2018 05:00 PM

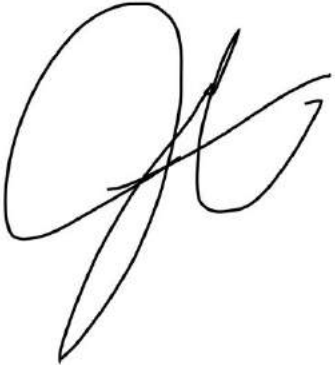
Audit: Carl O'sheen Manufacturing Inc. / 16 Nov 2018 / Jown Art

Linked to item: Coolant level and anti-freeze mixture

Status: To Do

## Audit - 15/19 78.95%

Question	Response	Details
<b>Visual Inspection</b>		Score (6/8) 75.00%
Overall condition/appearance of equipment (controls, leaks, loose wires)	OK	
Fan belt tension and condition	OK	
Fuel filter or sediment bowl	Needs Action	Needs replacement
		
Appendix 1		
Lubricating oil level and viscosity	OK	
Coolant level and anti-freeze mixture	Needs Action	Coolant is below its normal level.
Air filter	OK	
Battery electrolyte level and specific gravity and load test	OK	
Battery charging rate (trickle charger).	OK	
<b>Operating Inspection</b>		Score (3/4) 75.00%
Day tank pump and level switches if so equipped	OK	
Operation of cooling thermostat or louvers	Needs Action	Needs further investigation, it's not functioning well
Battery charging	OK	
Alternator and regulator	OK	
<b>Other Services</b>		Score (6/7) 85.71%
Inspect of cooling system for leaks (pressure test), residue and operation. Check engine block heater.	Needs Action	Low air pressure

Question		Response	Details
Inspect and clean generator brush holders and brushes		OK	
Clean and inspect exciter		OK	
Inspect safety shutdown devices. This includes simulated faults on low oil pressure cut-off, high water temperature cut-off, over speed cut-off and failed start.		OK	
Inspect and clean engine/generator set control		OK	
Run generator set (under load) to check voltage, check frequency, check instrument system and make adjustments.		OK	
Clean and tighten electrical connections, clean crankcase breather, check and tighten mounting bolts and wipe unit clean		OK	
<b>Completion</b>			
Recommendations and Overall Condition Assessment		Physical condition is good but there is a need to further investigate the cooling system. Air pressure is too low.	
Engineer/Operator Full Name and Signature	Jown Art	16 Nov 2018 04:48 PM	

## Media



Appendix 1