



# PHARMA DEVILS

## ENGINEERING DEPARTMENT

### STANDARD OPERATING PROCEDURE

<b>Department:</b> Engineering	<b>SOP No.:</b>
<b>Title:</b> Cleaning of Fuel Strainer	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

#### 1.0 REVISION HISTORY

Rev. No.	Details of changes	Reason for change
00	NIL	NEW SOP

#### 2.0 OBJECTIVE

The Objective of this SOP is to describe the procedure for cleaning fuel strainers provided in Furnace Oil (FO) and High Speed Diesel (HSD) being used for Boiler and DG Set in utility.

#### 3.0 SCOPE

This SOP is to describe the procedure for cleaning of fuel strainers provided in Furnace Oil (FO) and High Speed Diesel (HSD)

#### 4.0 RESPONSIBILITY

**4.1** The Plant Operator shall be:

**4.1.1** Responsible for cleaning of fuel strainers provided in FO and HSD.

**4.1.2** Responsible to maintain the cleaning record.

**4.2** The Engineer shall be:

**4.2.1** Responsible for assurance of proper cleaning.

**4.2.2** Corrective action for any deviation.

#### 5.0 ACCOUNTABILITY

Head –Engineering Services



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#### 6.0 PROCEDURE:

- 6.1 Ensure that fuel inlet and outlet valve to the strainer are closed. Close it, if required.
- 6.2 Open the top cover of strainer by removing the nut and bolts or by unscrewing the cap as applicable.
- 6.3 Remove the strainer element and close the strainer by using polythene bag.
- 6.4 Clean the strainer element with kerosene using nylon scrubber.
- 6.5 Dry the strainer element by using dry duster.
- 6.6 Check the strainer element for any damage. Replace it, if required.
- 6.7 Remove the polythene bag.
- 6.8 Refit the strainer element and close the strainer top cover by tightening the nut and bolt or by screwing up the cap.
- 6.9 Open the outlet valve and then the inlet valve to strainer.
- 6.10 Check for any fuel leakage. Rectify it, if required.
- 6.11 Maintain the record of strainer cleaning. (Annexure-I)

#### 6.12 FREQUENCY:

- 6.12.1 All fuel strainers provided in fuel line is to be cleaned once in a month.

#### 7.0 Annexure

Annexure-I : Fuel Strainer Cleaning Record.

#### 8.0 References (S)

NIL

#### 9.0 Glossary

SOP : Standard Operating procedure



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No : Number  
HSD : High Speed Diesel  
FO : Furnace Oil  
DG : Diesel Generator

