



STANDARD OPERATING PROCEDURE

Department: Engineering

Title: Procedure for Operation of Raw water pumps

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1.0 OBJECTIVE

1.1 The Objective of this SOP is to describe the procedure for operation of raw water pumps.

2.0 SCOPE

2.1 This SOP is applicable for the procedure for operation of raw water pumps at

3.0 RESPONSIBILITY:

3.1 The Maintenance Operator shall be responsible:

3.1.1 Responsible for operation of raw water pumps.

3.2 The Maintenance Engineer shall be responsible:

3.2.1 Responsible to ensure proper operation

3.2.2 Responsible to take corrective action if any deviation observed.

4.0 ACCOUNTABILITY

Head –Engineering Services

5.0 PROCEDURE:

5.1 START UP:

5.1.1 Close the isolating valve on the discharge side of the pump and open the isolating valve on the suction side.

5.1.2 Open the priming valve and fill the pump and the suction line with water.

5.1.3 Keep air release valve open while filling the water.

5.1.4 After filling of the water close the priming valve. Start the pump by pressing the push button.

5.1.4 Vent the pump by means of vent valve in the pump discharge, at the same time, open the discharge-isolating valve a little.

5.1.5 Continue to vent the pump, at the same time open the discharge isolating valve a little more.

5.1.6 Close the vent valve when steady stream of water runs out it. Completely open the discharge-isolating valve and send this water to utilities.



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5.2 STOPPING PROCEDURE:

5.2.1 Stop the pump by pressing the push button.

5.2.2 Close the discharge and suction isolating valves.

6.0 ANNEXURES:

Nil

7.0 REFERENCES (S)

Nil

8.0 GLOSSARY

SOP : Standard Operating procedure

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