



STANDARD OPERATING PROCEDURE

Department: Engineering

Title: Sanitization of EDI System

SOP No.		Revision No.	
Effective Date		Supersedes No.	
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1.0 OBJECTIVE:

To lay down a procedure for Sanitization of EDI System.

2.0 SCOPE:

This SOP is applicable for Sanitization of EDI System.

3.0 RESPONSIBILITY:

Officer / Executive Engineering.

4.0 ACCOUNTABILITY

Head Engineering

5.0 PROCEDURE:

5.1 CIP SKID:

5.1.1 Alternate Pump shall be used for sanitization.

5.1.2 Fill the CIP tank with 200 lit of purified water.

5.1.3 Switch on the heater raise the temperature of Purified water inside the CIP Tank up to $75\text{ }^{\circ}\text{C} \pm 2^{\circ}\text{C}$.

5.1.4 Circulate this hot water in EDI through circulation pump minimum for 45 min.

5.1.5 Drain the hot water and circulate immediately with fresh purified water, to down the temperature of the EDI System.

5.1.6 Officer / Executive Engineering shall intimate QC to collect the sample for the analysis.

5.1.7 Officer / Executive QC shall collect the sample from outlet of EDI and shall submit for analysis. After analysis QC will submit the report to QA for verification.

5.1.8 Officer / Executive Engineering shall prepare a Sanitization schedule as per **Annexure – I**.

5.1.9 Frequency of the sanitization shall be 30 ± 7 days or whenever required.

5.1.10 Record the sanitization details as per **Annexure –I. “EDI Sanitization Record”**.



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6.0 REFERENCES:

HYDROPURE Manual.

7.0 ANNEXURES:

ANNEXURES No.	TITLE OF ANNEXURE	FORMAT No.
Annexure-I	EDI Sanitization Record	

ENCLOSURES: SOP training record

8.0 DISTRIBUTION:

- Controlled Copy No. 1 Head Corporate Quality Assurance
- Controlled Copy No. 2 Head Engineering
- Master Copy Quality Assurance Department

9.0 ABBREVIATIONS:

SOP Standard Operating Procedure
QA Quality Assurance
QC Quality Control
°C Degree Centigrade
CQA Corporate Quality Assurance
ID Identification No.

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revision No.	Details of Changes	Reason for Change	Effective Date	Updated By
00	New SOP	Nil	Nil	Nil

