



**Title:** Sanitization of RO EDI System

<b>SOP No.:</b>		<b>Revision No.:</b>	00
<b>Effective Date:</b>		<b>Supersedes No.</b>	Nil
<b>Review Date:</b>		<b>Page No.</b>	1 of 3

**1.0 OBJECTIVE:**

To lay down a procedure for Cleaning & Sanitization of RO EDI System.

**2.0 SCOPE:**

This SOP is applicable for Cleaning & Sanitization of RO EDI System at .....

**3.0 RESPONSIBILITY:**

Officer / Executive - Engineering

**4.0 ACCOUNTABILITY:**

Head – Engineering

**5.0 DEFINITION:**

Not Applicable

**6.0 PROCEDURE:**

**6.1 SANITIZATION:**

**6.1.1** Select Sanitization Mode in the HMI System.

**6.1.2** Fill the multipurpose storage tank with High level quantity of water.

**6.1.3** Switch “ON” the Sanitization Mode from HMI.

**6.1.4** UF Water inside the feed of return line shall be maintained at temperature up to 85°C.

**6.1.5** Circulate this hot water in Loop Line for one hour.

**6.1.6** After completion of hot water circulation RO EDI system automatically start the cooling cycle & draining cycle.

**6.1.7** Open the manual drain valve of multipurpose storage tank to remove remaining hot water, this complete the sanitization cycle.

**6.1.8** From HMI select the sanitization mode to stop the sanitization cycle.

**6.1.9** Start the RO EDI system for flushing of RO EDI system.

**FREQUENCY:** Once in a Month  $\pm$  5 Days or as and when required

**6.1.10** Record the Details in **Annexure-I**, Titled “**Sanitization Record of RO EDI System.**”



