

Title: Sanitization of RO EDI System					
SOP No.:	Revision No.:	00			
Effective Date:	Supersedes No.	Nil			
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# **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.





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## 7.0 ABBREVIATIONS:

SOP	Standard Operating Procedure
No.	Number
QA	Quality Assurance
HMI	Human Machine Interface

# 8.0 ANNEXURES:

ANNEXURE No.	TITLE OF ANNEXURE	FORMAT No.
Annexure-I	Sanitization Record of RO EDI system	

# 9.0 **DISTRIBUTION:**

- Master Copy Quality Assurance
- Controlled Copy No. 01 Head Engineering

#### **10.0 REFERENCES:**

Not Applicable

#### **11.0 REVISION HISTORY:**

Revision No.	Change Control No.	Details of Changes	Reason of Changes	Effective Date	Done By
00	Not Applicable	Not Applicable	New SOP		



# PHARMA DEVILS ENGINEERING DEPARTMENT

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# ANNEXURE – I

# SANITIZATION RECORD OF RO EDI SYSTEM

**Frequency:** Monthly  $\pm$  5 Days

Date	Temperature of Return Line (Limit NLT 85°C)	Sanitization Temperature Achieved At	Tim RO/ED		Total Duration of Sanitization	(Sign &	Checked By (Sign & Date)	Remarks
		(time)	From	То		Date)		