

ENGINEERING DEPARTMENT

Title: Cleaning of Sodium Hypochlorite, Sodium Metabisulphite and Sodium Hydroxide Solution Storage Tank

SOP No.:	Revision No.:	00
Effective Date:	Supersedes No.	Nil
Review Date:	Page No.	1 of 5

1.0 OBJECTIVE:

To lay down a procedure for Cleaning of Sodium Hypochlorite, Sodium Metabisulphite and Sodium Hydroxide Solution Storage Tank.

2.0 SCOPE:

This SOP is applicable for Cleaning of Sodium Hypochlorite, Sodium Metabisulphite and Sodium Hydroxide Solution Storage Tank

3.0 RESPONSIBILITY:

Officer / Executive - Engineering

4.0 ACCOUNTABILITY:

Head – Engineering

5.0 ABBREVIATIONS:

SOP Standard Operating Procedure

No. Number

QA Quality Assurance QC Quality Control

Ltd. Limited

6.0 PROCEDURE:

- **6.1** Wear the Chemical Handling Gloves.
- **6.2** Remove Settled Soil or Sediment Material from the Bottom.
- **6.3** Flush out the water in drain.
- **6.4** Scrub the Tanks Inner Surface and Bottom by using Nylon Wire Brush.
- **6.5** Rinse the tank 3 to 4 times with Potable Water & collect the Rinse Water Sample for sending it to QC lab for Analysis.
- **6.6** After approval of sample from QC, tank may be used.
- **6.7 Frequency:** Fortnightly \pm 2 Days.
- 6.8 Record the Cleaning Details of SMBS Solution Storage Tank in "Cleaning Record of SMBS Solution Storage Tank" as shown in Annexure I.



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- **6.9** Record the Cleaning Details of NaOH Solution Storage Tank in "Cleaning Record of NaOH Solution Storage Tank" as shown in Annexure –II.
- **6.10** Record the Cleaning Details of NaOCl Solution Storage Tank in "Cleaning Record of NaOCl Solution Storage Tank" as shown in Annexure –III.

7.0 ANNEXURES:

ANNEXURE No. TITLE OF ANNEXURE		FORMAT No.
Annexure-I	Cleaning Record of SMBS Solution Storage Tank	
Annexure-II	Cleaning Record of NaOH Solution Storage Tank	
Annexure-III	Cleaning Record of NaOCl Solution Storage Tank	

8.0 DISTRIBUTION:

• Controlled Copy No. 01 Head Engineering

• Master Copy Quality Assurance Department

9.0 REFERENCES:

Not Applicable

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revis No		Details of Changes	Reason for Change	Effective Date	Updated By
00)				



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ANNEXURE – I



PHARMA DEVILS

ENGINEERING DEPARTMENT

CLEANING RECORD OF SODIUM METABISULPHITE SOLUTION STORAGE TANK

Block: ID No.: Frequency: Fortnightly ±2 Days

Date	Cleaning Agent	·		eaning Agent Time Cleaned By Checked By		Checked By	Rinse Sample Remar	
Butt	(Potable Water)	From	To	Sign & Date	Sign & Date	Report	11011111111	



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ANNEXURE – II



PHARMA DEVILS

ENGINEERING DEPARTMENT

CLEANING RECORD OF SODIUM HYDROXIDE SOLUTION STORAGE TANK

Block: ID No.: Frequency: Fortnightly \pm 2Days

Date	Cleaning Agent	Ti	Time	Cleaned By	Checked By	Rinse Sample	Remarks
Date	(Potable Water)	able Water) From To Sign & Date Sign & Date	Sign & Date	Report	Kemai Ks		



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ANNEXURE – III



PHARMA DEVILS

ENGINEERING DEPARTMENT

CLEANING RECORD OF SODIUM HYPOCHLORITE SOLUTION STORAGE TANK

Block: ID No.: Frequency: Fortnightly ±2 Days

Date	Cleaning Agent		me	Cleaned By	Checked By	Rinse Sample	Remarks
Date	(Potable Water)	From	To	Sign & Date	Sign & Date	Report	Kemai Ks