



**Title:** Preventive Maintenance of Vibro Sifter

<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**

1.1 To describe a procedure for the preventive maintenance of vibro sifter.

**2.0 SCOPE**

2.1 This procedure applies to the Engineering department.

**3.0 RESPONSIBILITY**

3.1 Engineering

**4.0 ACCOUNTABILITY**

4.1 Plant Head

**5.0 REFERENCE (S)**

5.1 In-house.

**6.0 PROCEDURE**

6.1 Procedure for mechanical work:

6.1.1 Switch off the machine and put “under maintenance” label.

6.1.2 Check love joy coupling.

6.1.3 Clean the sifter drum and bearing and grease them by using MP -3 grease.

6.1.4 Clean sifter wheels and grease them on the bearings.

6.1.5 Check the flywheels nut and tighten them.

6.2 Procedure for electrical work:

6.2.1 Check on the main supply socket connection.

6.2.2 Check motor vibration.

6.2.3 Check electrical connections.

6.3 Procedure for trial run:

6.3.1 Switch on the power supply.

6.3.2 Put the machine on & start it by pressing the ‘START’ button.

6.3.3 Check ampere taken by each phase.

6.3.4 Check & record the observations as per Annexure-1.

6.4 Procedure for handover the machine:

6.4.1 Remove under maintenance label & affix “Preventive maintenance tag” and inform the concerned department.

6.5 Frequency of preventive maintenance is once in two month.

**7.0 HISTORY**

SOP No.	REASON FOR CHANGE	EFFECTIVE DATE



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**8.0 ABBREVIATIONS:** The abbreviations used in the SOP are as follows:

- SOP - Standard Operating Procedure
- No. - Number
- QA - Quality Assurance



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**ANNEXURE-I**

**PREVENTIVE MAINTENANCE CHECK LIST FOR VIBRO SIFTER**

Equipment ID No. \_\_\_\_\_

Date: \_\_\_\_\_

S.No.	Particulars	Done/Not Done	Remarks
1	Check electrical connections.		
2	Check & greasing of bearing.		
3	Check movement of wheels.		
4	Check lovejoy coupling.		

\_\_\_\_\_  
Done by  
(Sign & date)

\_\_\_\_\_  
Checked by  
(Sign & date)