



Title: Preventive Maintenance of Conta Blender

SOP No.:		Revision No.:	00
Effective Date:		Supersedes No.	Nil
Review Date:		Page No.	1 of 3

1.0 OBJECTIVE

1.1 To describe a procedure for the preventive maintenance of Conta Blender.

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 Clean the hydraulic tank from outside and tighten the connecting ferrules.
- 6.1.3 Check the level of the Hydraulic oil in the tank if it is less than top up by servo 68.
- 6.1.4 Clean the side plates and cover plates.
- 6.1.5 Check the rotary movement of the machine.
- 6.1.6 Grease the track from which the rollers moving.

6.2 Procedure for electrical work:

- 6.2.1 Clean the panel board by hand blower.
- 6.2.2 Clean the contactor and tighten the wire connection.
- 6.2.3 Check the NO/NC element of UP/DOWN movement.
- 6.2.4 Check the operation of limit switch.
- 6.2.5 Check the alignment & direction of the motor.
- 6.2.6 Check the connections of PLC.

6.3 Procedure for trial run:

- 6.3.1 Switch on the power supply.
- 6.3.2 Check the operation of the lifter referring the SOP.
- 6.3.6 Check & record the observations as per Annexure-1.

6.4 Procedure for handover of the machines:

- 6.4.1 Remove "under maintenance" label & affix the preventive maintenance status tag and inform the concerned department.

6.5 Frequency of preventive maintenance is monthly.

7.0 HISTORY

7.1 Details are given below.



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SOP No.	REASON FOR CHANGE	EFFECTIVE DATE

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

- 8.1 SOP - Standard Operating Procedure
- 8.2 No. - Number
- 8.3 QA - Quality Assurance



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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR CONTA BLENDER

Equipment ID No. _____

Date: _____

S.No.	Particulars	Done/Not Done	Remarks
1	Cleaning of the machine.		
2	Checking of operative units.		
3	Checking electrical connections.		
4	Checking of wire rope & pulley alignment		
5	Oil level in power pack.		

Done by
(Sign & date)

Checked by
(Sign & date)