



Title: Preventive Maintenance of Lifter and Positioner

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 lifter and positioner.

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 ferrule.
- 6.1.3 Check the level of the Hydraulic oil in the tank if it is less than half, make up by servo 220 grade oil.
- 6.1.4 Clean the side plates and cover plates.

6.2 Procedure for electrical work:

- 6.2.1 Clean the technical floor panel board by handy 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.

6.3 Procedure for trial run:

- 6.3.1 Switch on the power supply.
- 6.3.2 Check for the smooth 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 preventive maintenance status tag and inform the concerned department.

6.5 Frequency of preventive maintenance is once in two months.

7.0 HISTORY



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7.1 Details are given below.

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



PHARMA DEVILS

ENGINEERING DEPARTMENT

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ANNEXURE-I

PREVENTIVE MAINTENANCE CHECK LIST FOR LIFTER & POSITIONER

Equipment ID No. _____

Date: _____

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

Done by
(Sign & date)

Checked by
(Sign & date)