



PHARMA DEVILS

PRODUCTION DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Production

SOP No.:

Title: Cleaning of Compression Machine

Effective Date:

Supersedes: Nil

Review Date:

Issue Date:

Page No.:

Purpose: To lay down operating procedure for the cleaning of Compression Machine.

Scope: This procedure is applicable for

Responsibility: Production Chemist
To supervise the activity

Pre-operating Check: Check no material or residue should be there.

Frequency: Complete wet cleaning for different product each time after use and Dry cleaning at the end of the shift and for the same product.

Equipment used: Compression machine

Wet cleaning procedure:

1. Ensure that the Main Switch is OFF
2. Remove Hopper and feed frame from the Machine.
3. Remove the punches from the turret by rotating the wheel manually, one at a time.
4. Clean punches with IPA and then clean with rust preventive oil.
5. Do not group together the punches for cleaning in one lot.
6. While removing punches, ensure that the cup edges do not touch the edges of other punches or with the pressure turret.
7. Remove carefully the dies from the turret and clean it first with IPA and then rust preventive oil. Put the dies in the box as set.
8. Clean thoroughly the holes of turret and other parts of the M/c with IPA.
9. If the same set is to be used reassemble the set on the turret.
10. Set the upper punches and dies simultaneously followed by the lower punches.
11. Set the lower punches by matching the tip with the die cavity; this will be helpful if the tablets to be compress are of irregular shape i.e. other than circular.
14. Clean the feed frame and hopper with purified water followed by IPA.
15. Clean the surrounding area of compression machine.
16. Mention the entire activities in Daily Log Sheet

Dry cleaning procedure:

1. Remove the powder materials from compression machine. Clean the surrounding area of compression machine.