



# PHARMA DEVILS

## ENGINEERING DEPARTMENT

### STANDARD OPERATING PROCEDURE

<b>Department:</b> Engineering	<b>SOP No.:</b>
<b>Title:</b> Operation of Refrigeration Type Compressed Air Dryer	<b>Effective Date:</b>
<b>Supersedes:</b> Nil	<b>Review Date:</b>
<b>Issue Date:</b>	<b>Page No.:</b>

#### OBJECTIVE

To lay down a procedure for easy operation of Refrigeration type compressed air dryer for minimum down time and to get optimum efficiency.

#### SCOPE

This SOP covers smooth operation of Refrigeration type compressed air dryer.

#### RESPONSIBILITY

Operator, Officer and Executive

#### ACCOUNTABILITY

Head – Engineering

#### REFERENCES

Operational Instruction manual of manufacturer.

#### ATTACHMENTS

NIL

#### PROCEDURE

##### 2.0 STARTING PROCEDURE

2.1 Press start button.

2.2 First open the air inlet valve.

2.3 Approximately 5 minutes later, open the dryer air outlet valve.

##### 3.0 PRECAUTIONS DURING OPERATION

3.1 Regularly check pressure dew point temperature of discharge air panel. Make sure that it is from 3°C to 5°C

3.2 Regularly check that the condensate is discharged.

3.3 Check air and oil piping for the leakage, abnormal noise and vibration, if any.

##### 4.0 STOPPING PROCEDURE



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4.1 Close the dryer inlet and outlet valves and press STOP button on the control panel.

5.0 Abbreviation :

SOP : Standard Operating Procedure

EG : Engineering

QA : Quality Assurance

CC no. : Change control Number.