



PHARMA ENGINEERS®
people in strength

OPERATION QUALIFICATION PROTOCOL FOR VERTICAL LAMINAR AIRFLOW UNIT

CUSTOMER:

EQUIPMENT:

VERTICAL LAMINAR AIRFLOW UNIT

(____ W x ____ D x ____ H mm)

SUBMITTED BY:

PHARMA ENGINEERS

PLOT NO. 113/A/1, LANE 8, PHASE II,
IDA CHERLAPALLI, HYDERABAD- 500051.

Tel No.91-40 27261113, 27261114

OPERATION QUALIFICATION PROTOCOL APPROVAL

This document is prepared by the documentation team of **M/S. PHARMA ENGINEERS** for

EQUIPMENT : VERTICAL LAMINAR AIRFLOW UNIT (_____ **TAG NO**)

PLANT /PROJECT :

CLIENT :

Hence this document before being effective shall be approved by **Client / Customer**

M/s. PHARMA ENGINEERS:

	Name	Designation	Signature	Date
Prepared By				
Reviewed By				

CLIENT / CUSTOMER:

	Name	Designation	Signature	Date
Reviewed By				
Approved By				

Client:

Supplier/ Manufacturer: **PHARMA ENGINEERS, HYDERABAD**

Equipment: **VERTICAL LAMINAR AIRFLOW UNIT (____ W x ____ D x ____ H mm)**

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OPERATION QUALIFICATION (OQ)

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MASTER DOCUMENT

Client:

Supplier/ Manufacturer: **PHARMA ENGINEERS, HYDERABAD**

Equipment: **VERTICAL LAMINAR AIRFLOW UNIT (____ W x ____ D x ____ H mm)**

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OPERATION QUALIFICATION (OQ)

1. OBJECTIVE

The objective of this document is to qualify and certify the functionality of Vertical LAF (_____ **TAG NO**) with due considerations as specified in DQ of Vertical LAF (_____ **TAG NO**).

2. TEST OF ALARMS AND INTERLOCKS

S NO	ITEM	TEST METHOD	ACCEPTANCE CRITERIA	RESULT (YES/NO)
1.	ON/OFF Operation of equipment	Manually Switch ON / OFF	Blower operation is independent its depend upon switch ON/OFF	
2.	CFL Light / UV Operation	Manually Switch ON / OFF	UV light ON/OFF operation is upon ON/OFF switch	
3.	Hour meter Operation	Manual	Hour meter will count the hours of U.V light working time (When UV is turn ON)	
4.	I.P across HEPA FILTER	Physical Verification	The Range shall be 10 to 15 mm	
5.	Blower Trip	Manually stimulate the relay	When the Blower trips the alarm will beep continuously and Blower will be OFF..	

REMARKS (IF ANY):

Test conducted By

Test Witnessed By