

Equipment Specification Data Sheet

Equipment Name: Insect-o-Cutter

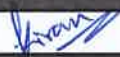
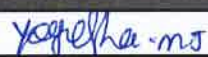
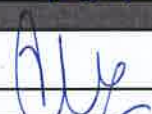
Document No.: DS-IOC 01

Revision: 01


Project No.: 120310


Project Name: Integrated Vaccines Complex,
Chengalpattu

Block Code	Block Name	Identification No	Capacity	Quantity
Q1	Quality Control	Q1-IOC 01, 02	-	2
G1	Animal House	G1-IOC 01, 02, 03, 04, 05, 06, 07, 08	-	8
G12	Central Laundry and Change room	G12-IOC 01	-	1
W1	Warehouse	W1-IOC 01	-	1

NNE Pharmaplan India Limited			
Name	Designation	Signature	Date
Prepared by			
Mr. Kiran Kumar M S	Engineer - Process		
Checked by			
Mr. Yogesha M J	Engineer - Process		
Approved by			
Mr. Vikas Katial	GM - Projects (SME) & Head COC Vaccines		

HLL Biotech Limited			
Name	Designation	Signature	Date
Reviewed by			
Sanjeev Kumar (Quality control)	MANAGER	Sib	
K. Yashwanth Reddy (Animal House)	Deputy Manager	K. Yashwanth Reddy	
User department: (Central Laundry)	DM (Electrical)	Xay	
K. RAJAKRISHNAN (Warehouse)	DM (PRODUCTION)	X. Rajakrishnan	
Project / Engineering department	DM (HVAC)	H.B. Dabhi	
Approved by			
D. Suresh Babu (Quality Control)	DM	D. Suresh Babu	
Dr. R. A. Aravind (Animal House)	MANAGER	R. A. Aravind	
M.V. SUBRAHMANYAM (Central Laundry)	Head-Vaccines Development	M.V. Subrahmanyam	
Dr. R. Lakshman (Warehouse)	DVP	Xin	
D. Suresh Babu (HVAC)	DM	D. Suresh Babu	
Authorized by			
Project Authority	CEO	Kumar	

Equipment Specification Data Sheet				
HLL Biotech Limited, Chennai				
nne pharmanplan®	INTEGRATED VACCINES COMPLEX, CHENGALPATTU			 <small>HLL BIOTECH LIMITED (A subsidiary of HLL Pharma Limited) (A Government of India Enterprise)</small>
	Equipment Name	Insect O Cutter		
	Document No.	DS-IOC-01		
	Revision No.	01		
1	Process requirements			
1.1	It is used to control / kill fly insects inside the room.			
2	Equipment ID			
	Refer Table-1: Equipment location			
3	Technical Specification			
3.1	Model	GMP model		
3.2	Execution	Wall mounting or ceiling suspension		
3.3	Location	Interior of the room		
3.4	Lamps	Black Light (BL) and Black Light Blue (BLB) Lamp Combination		
3.5	No of lamps	2		
3.6	IP rating	IP54 (Splashproof)		
3.7	Quantity	Refer Table-1: Equipment location		
3.8	Shipping Weight	Vendor to specify		
3.9	Power Consumption	vendor to provide maximum Power Consumption for below sizes. 390 x 120 x 310 600 x 450 x 200		
3.10	Automatic ON/OFF based on Timer shall be provided	Required		
3.11	Dimension (L x W x H)	600 x 450 x 200 mm		
4	Material of Construction			
4.1	Main Body	Aluminum Powder Coated /G.I. Powder Coated		
4.2	Safety grill	SS 304		
5	Specific Equipment requirement			
5.1	Insect o cutter shall have sufficient light to attract insects.			
5.2	Safety grill shall be provided to avoid accident due to electrical shock.			
5.3	It shall have provision to prevent the scattering of killed insects.			
5.4	Tray shall be rendered to collect the dead insects.			
5.5	Detachable tray shall be used for easy cleaning.			
5.6	It shall have shatterproof lamps.			
5.7	It shall contain one unfiltered black light (BL) bulb and one filtered black light blue (BLB) bulb.			
5.8	It shall have corrosion proof casing.			

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6	Other requirement					
6.1	All bolts, nuts on the exterior part of equipment should be with cap head or cap nut.					
6.2	Safe electrical isolation when the guard is opened.					
7	Regulatory aspects					
7.1	Not Applicable					
8	Safety requirements					
8.1	Heat given out of the equipment should be stated.					
9	Documents					
9.1	Operation and maintenance manual.					
9.2	Warranty certificate for 1 year after installation					
9.3	list of make with certificate.					
Table-1: Equipment location						
Equipment ID	Block Name	Room Name	Room No	Floor	Room height in mm	Remarks
Q1-IOC 01, 02	Quality control	Corridor	Q1S001	Second floor	2400	
G1-IOC 01,02	Animal House	Entry Corridor	G1G001	Ground floor	2700	
G1-IOC 03	Animal House	Animal and Material entry	G1G007	Ground floor	2700	
G1-IOC 04	Animal House	Entry Corridor - Unclean Corridor	G1G081	Ground floor	2700	
G1-IOC 05	Animal House	Dirty cage store area (Breeding)	G1G089	Ground floor	2700	
G1-IOC 06	Animal House	Dirty bedding material store	G1G105	Ground floor	2700	
G1-IOC 07	Animal House	Dirty cage store area (Testing)	G1G099	Ground floor	2700	
G1-IOC 08	Animal House	Decontamination Autocalve (Unloading)	G1G106	Ground floor	2700	
G12-IOC 01	Central Laundry and Change room	Entry	G12G002	Ground floor	3000	
W1-IOC 01	Warehouse	Receipt	W1G001	Ground floor	3000	
Table-2: Change Log						
Date	Name	Revision	Section	Change/Comment		
27-02-2015	Kiran Kumar	00	-	New document		
14-07-2015	Yogesha M J	01	All	Updated as per comments by HBL dated 11-06-2015		
Table-3: Annexure						
Not applicable						