

## Equipment Specification Data Sheet

Equipment Name: Carton Coder Printer

Document No.: DS-CCR 01

Revision: 01

Project No.: 120310

Project Name: Integrated Vaccines Complex, Chengalpattu

Block Code	Block Name	Identification No.	Capacity	Quantity
P1	Secondary Packaging	P1-CCR 01	200 Cartons/min	1
P1	Secondary Packaging	P1-CCR 02	200 Cartons/min	1

## NNE Pharmaplan India Limited


Name	Designation	Signature	Date
Prepared by			
Mr. Kiran Kumar M S	Engineer - Process	<i>[Signature]</i>	23-6-15
Checked by			
Mr. Yogesha M J	Engineer - Process	<i>Yogesha.M.J</i>	23-6-15
Approved by			
Mr. Vikas Katial	GM - Projects (SME) & Head COC Vaccines	<i>[Signature]</i>	23-6-15

## HLL Biotech Limited

Name	Designation	Signature	Date
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Authorized by			
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Equipment Specification Data Sheet					
HLL BIOTECH LIMITED, CHENNAI					
HBL HLL BIOTECH LIMITED (Subsidiary of HLL Pharmacy Limited) (A Government of India Enterprise)	INTEGRATED VACCINES COMPLEX, CHEGALPATTU				
	Equipment Name	Carton Coder Printer			
	DOCUMENT No. :	DS-CCP-01			
	Revision No.	01			
1	Process requirements				
1.1	In-Line Carton coder printer shall be used for printing the product specifications on the different sizes of cartons.				
2	Equipment ID				
2.1	P1-CCP 01				
2.2	P1-CCP 02				
3	Technical Specification				
3.1	Model	GMP model			
3.2	Speed of the machine	200 cartons/minute			
3.3	Type	Carton Coder Printer			
3.4	Details to be printed on mono carton	Product, Net weight, Gross Weight, Quantity, Batch Number, Date of Manufacturing, Date of Expiry and M.R.P			
3.5	Operation Temperature	5 to 45 degree celsius			
3.6	Interlock	No Carton-No Printing			
3.7	Selection of Fonts	Automatic			
3.8	Humidity	10 to 90 percent Non Condensing			
3.9	Quantity	2 nos			
3.10	Shipping Weight	Vendor to specify			
3.11	Power Consumption, KW	Vendor to specify			
3.12	External Dimension (H x W x L) in mm	Vendor to specify			
4	Material Of Construction				
4.1	Body	SS 304			
5	Specific Requirements				
5.1	The Machine shall have cartons holding unit with width adjustment for the carton sizes mentioned below				
	DIMENSION (~)	3ML	7.5ML	7.5ML	15ML
	MONO CARTON [Folded]	21x21x45 [LxWxH]	21x21x58 [LxWxH]	26x26x48 [LxWxH]	Not applicable
	OUTER CARTON [Folded]	113X45x49 [LxWxH]	113X45x60 [LxWxH]	135X55x52 [LxWxH]	134X57x58 [LxWxH]
	Note: All dimensions are in mm				
5.2	The Machine shall be capable for adjustable Drop size, Inverse, Reverse and Bold characters				
5.3	Printing area should be adjustable based on carton size and specifications				

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5.4	Suitable control system and code / print checking device shall be provided for the equipment.	
6	Other Requirements	
6.1	The Machine shall be equipped with RS 232 interface as standard.	
7	Regulatory guidelines / standards	
7.1	Not Applicable	
8	Safety	
8.1	Noise level should be below <75 dB.	
8.2	Heat given out of the equipment should be stated.	
9	Documents	
9.1	Operation and maintenance manual.	
9.2	Warranty certificate shall be provided for 1 year after completion.	
9.3	IQ & OQ Protocols	
9.4	DQ Document to be provided by Vendor	
9.5	MOC certificates.	
	NOTE: Accurate size and technical specification need to be mentioned by the vendor.	

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	Equipment Name	Carton Coder Printer			
	DOCUMENT No. :	DS-CCP-01			
	Revision No.	01			
Table-1: Equipment location					
Equipment ID	Block Name	Room Name	Room No	Room dimension in mm	Room height in mm
P1-CCR 01	Secondary Packaging	Secondary Packing Hall - 1	P1G011	29200 X 8150	3000
P1-CCR 02		Secondary Packing Hall - 3	P1G009	29200 X 8150	3000
Table-2: Change Log					
Date	Name	Revision	Section	Change/Comment	
12-03-2015	Kiran Kumar M S	00	-	New document	
23-06-2015	Yogesha M J	01	All	Updated as per comments of HBL dated 19.06.2015	
Table-3: Annexure					
Not applicable					