

HLL BIOTECH LIMITED							
INTEGRATED VACCINES COMPLEX, CHENGALPATTU							
		Document Name:		Data Sheet for Boiler Chimney		<div style="font-size: 8px; margin-top: 5px;"> HLL BIOTECH LIMITED (Subsidiary of HLL Lifecare Limited) (A Government of India Enterprise) </div>	
		Data Sheet No:		NPI/120310/UTL(URS)/U1/D02.02			
		Date / Revision:		2013-05-14 / 03			
Process / Operating data							
1	Chimney Design	IS- 6533					
2	Operating type	<input checked="" type="checkbox"/> continuous <input type="checkbox"/> discontinuous					
Specifications							
3	Chimney	Carbon steel					
4	Lighting Conductor	Copper					
5	Earth Clamp, Cable	Copper					
6	Corrosion Allowance	1.5 (**)	mm				
7	Foundation Bolt	M24 X 1500 (200 long thread)**	mm				
8	No.of platforms	3 (**)	Nos				
Other Details							
9	Chimney Bottom Dia	XX	mm	15	Inspection hole	450**	mm
10	Chimney Top Dia	XX	mm	16	Exhaust Inlet	XX	mm
11	Chimney Thickness	XX	mm	17			
12	Flue Gas Duct	XX	mm	18			
13	Bottom Support	XX	mm	19			
14	Height of chimney	Minimum 32000	mm	20			
	Weight of chimney	xx	mm				
Remarks: 2 Chimney shall be design to suit for 2 Boilers of capacity 4 TPH each							
Accessories(Vendor scope of supply)							
21	Avaition Lamp with cable	<input type="checkbox"/>		24	Painter Pulley	XX	<input checked="" type="checkbox"/>
22	Lightning Conductor with clamping , earthing etc.	<input checked="" type="checkbox"/>		25	Ladder	XX	<input checked="" type="checkbox"/>
23	Chimney Hood	<input checked="" type="checkbox"/>		26	Sampling platform	XX	<input checked="" type="checkbox"/>
				27	Bottom Drain	XX	<input checked="" type="checkbox"/>
Remarks:							
Pre-Dispatch tests/documents(Not complete list)							
28	Radiography Test	<input checked="" type="checkbox"/>		29	Joint Efficiency	Minimum 85 % or Better	<input checked="" type="checkbox"/>
Notes							
30	Before the fabrication of the chimney , detailed drawings and details shall be submitted for approval.						
31	The chimney,ladder, cage,intermediate platforms etc to be painted with heat resistant Primer and two coats of heat and corosion resistant Aluminium paint on completion of erection and prior to commissioning. Chimney is to be cleaned with wire brush internally.						
32	Vendor should provide chimney base plate, stool template for foundation purpose with foundation bolts to client.						
33	Price should be quoted based on quantity by considering the given corrosion allowance.						
34	Earth pit with plate electrode details to be provided by the vendor.						
35	The chimney should be constructed in Carbon steel material or high temperature aluminising from inside of chimney.						
36	The scope includes complete installation of chimney.						
37	One computer shall be considered for online stack monitoring system(Min Specs - 1 GB RAM, Core 2 Duo ,300 GB Hard Disk, Windows 7(32-bit) / XP)						
	XX- To be specified by the vendor.						
	** - Vendor to confirm						
	AFE - Approved for enquiry, AFO - Approved for ordering						
3	2013-05-14	VSHI	DEAV	HBL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	sheet:
Rev	Date	Prepared by	Checked by	Approved by	AFE	AFO	1 / 1