

SPECIFICATIONS FOR
PERSONNEL SANITIZATION ENCLOSURE(PSE)
VERSION-1

1.	Dimensions	2400 mm (L) x 1310 mm (W) x 2440 mm (H)
2.	Structure	Core of framework fabricated with aluminium box section of 42 x 25 x 2 mm and PUF and 1.5 thick aluminium sheet on both sides as skin.
3.	Flooring	Anti-skid aluminium chequered plate 3 mm thick.
4.	Drainage	Through tray provided below the floor panel.
5.	Chemical Solution Mist Spray Pump	1500 watt, 90 bar working pressure, 150 bar max pressure, 7.5 LPM flow/ 1300 watt, 70 bar working pressure, 110 bar max pressure, 6.5 LPM flow/ 1100 watt, 60 bar working pressure, 90 bar max pressure, 5.5 LPM flow/ Equivalent as available ex-trade to meet bulk requirement. Two numbers of pumps provided out of which one is operating and the another one as redundant.
6.	Mist Spray Pipe line	3/8" Stainless Steel
7.	Mist Spray Nozzle	20 Nos. of special type mist spray nozzles of 0.2/0.3 rating.
8.	Mounting of Nozzles to Pipeline	By means of threaded SS sockets welded to the 3/8" SS pipelines.
9.	Chemical Tank	200Ltrs-1 No. and 500Ltrs-1 No. , as commercially available.
10.	Feed Pump	0.5/1.0 HP commercially available pump to feed the chemical from feed tank to overhead tank.
11.	Electricals	(I)Central Control Panel with mains ON/OFF and sanitization spray ON/OFF. (II)Foot operated start panel at entry, as commercially available. (III)Foot operated stop panel at exit, as commercially available. (IV)Adjustable timer for spray operation (20-25 secs). (V)Two Lights within enclosure (as commercially available).
12.	Chemical Solution	Sodium Hypochlorite water solution in 5mg/ltr concentration.
13.	Electric Circuit Line Diagram	Enclosed
14.	Cover for tanks	Fabricated with aluminium sections covered by 3mm thick Aluminium Composite Panel (ACP) sheet.
15.	Cover for pumps	Fabricated with aluminium sections covered by 3mm thick Aluminium Composite Panel (ACP) sheet.