

STARTUP CHECK LIST
 Powder Coating Plant

SR.NO.	CHARACTERISTICS	SPECIFICATIONS	BOTH-1						BOTH-2		BOTH-3			
			GUN-1	GUN-2	GUN-3	GUN-4	GUN-5	GUN-6	GUN-7	GUN-8	Manual gun	Manual gun		
1	Powder Name	As per part drawing	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy
2	Colour	As per part drawing	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy	Black glossy
3	Batch No.	-	1405-11-11	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
4	MFG. Date	within 6 month	06/2022	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
5	Conv. Speed	1.2 mtr/min.	1.2 mtr/min	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
6	Powder Output	150 to 200 g/min.	150	150	150	150	150	150	150	150	150	150	150	150
7	Rinsing Air	0.2 to 0.5 m ³ /hr	0.2 to 0.5 m ³ /hr	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
8	Current	20 - 30 µA	31	31	31	31	31	31	31	31	31	31	31	31
9	Total Air	4 to 5.5 M ³ /hr	4 to 5.5 M ³ /hr	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
10	Fluidization Air	1 to 2 M ³ /hr	1 to 2 M ³ /hr	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-	-11-
11	Kv	Fresh- 70 to 90 Recoat. 40 to 60	80	80	80	80	80	80	80	80	80	80	80	80
12	Powder layer	Uniform	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
13	Nano Coating layer	Article should be free from access thickness, rust, dust, moisture, patches.	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

SR.NO.	CHARACTERISTICS	FREQUENCY	I st Shift			II nd Shift			Remark
			Booth-1	Booth-2	Booth-3	Booth-1	Booth-2	Booth-3	
1	Booth Cleaning	Once in shift	✓	✓	✓				
2	Injector Cleaning	Once in shift	✓	✓	✓				
3	Gun Cleaning	Twice in Shift	✓	✓	✓				
4	Venturi Checking	Once in shift	✓	✓	✓				
5	All FR unit water Drain	Once in shift	✓	✓	✓				
6	Powder Hooper Cleaning	Twice in Shift	✓	✓	✓				

Hook Check points			
1	Hook Changing Frequency	Start of the shift on daily basis (Yes / No)	
		Cycle -01	Cycle -04
2	Hook Condition		
3	Hook free from damage (Yes / No)		
4	Hook Polishing		

01	25-06-2022	Hook check points added
00	24-02-2022	Initial Release
Rev.No		Details
CHECKED BY: <i>409654</i>		
VERIFIED BY: <i>Shobur</i>		