

**IQF Preventive
Maintenance Check Sheet**



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JOB No : _____ Date : ____ / ____ / ____ Checked By _____

Sr.no	Discription	Check Point	Consumable / Spare	Required Tools	Yes	No	Remark
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A							
SHAKER (Dewatering)							
1	Shaker	lock nut tightening		Nut Bolt Grease -40deg food grade Spring Shoker	Mutimeter Mager meter Screw Driver Set Screw Spanner 14" Ring And D Spanner 10-32 line tester Allenkey Set (mm)		
2		Screen properly dismantling					
3		Check Screen lock Damage					
4		Drain hole blockage					
5		Screen hole blocking					
6		Shoker Movement					
7		Spring Balancing					
8		Spring base nut bolt					
9		Shaker Platform nut bolt					
10		Motor Jam					
11		Motor Mager					
12		Motor terminal Connection					
13		Motor Rotation					
14		Motor AMPS					
15		Motor Weight Balancing position					
16		Motor Base Nut-bolt					
17		Motor Gap Between Base					
18		Motor Terminal BOX leakage					

C							
CONVEYOR SECTION							

1	Track-1 And Track-2	Shaft Circlip and Bearing		Circlip Sproket Rivit Nut Bolt PU Sheet Belt	Screw Driver Set Screw Spanner 14" Ring And D Spanner 10-32 Allenkey Set (mm) Circlip Plier outside opening		
2		PP Roller Position					
3		Belt Tensner (Spring)					
4		PP Sproket position (Gap)					
5		Belt tightning					
6		Belt guider (Gap)					
7		GAP between Convayor Sheet And Belt					
8		Convayor Sheet Nut Bolt					
9		Convayor legs Nut Bolt					
10		Agatition Sheet Position					
11		PU sheet Position All Convayor side					
12		Shaker inlet Gap Between Puf Panel And convayor sheet					
13		Outchute In side Flashing Leakage					
14							
15							

16		Belt round pp Nut Bolt				
17		Outchute Latchlock				
18		PP Sproket Shaft Lock				
19		Z flashing Rivit				

D	ADF SECTION					
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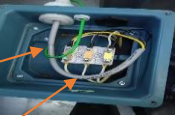





1	ADF	Air Solenoid Valve working		Diaphragm Solenoid Coil 1/4 Adaptor Hose Clamp Hose Pipe Grease -40deg food grade Nut bolt limit switch Spring		
2		Diaphragm				
3		Solenoid Coil				
4		1/4 connection pipe				
5		Valve body leakage				
6		Hose Pipe clamp				
7		Hose pipe nipple assembly				
8		Hose Pipe Leakage				
9		ADF Nozel chocking				
10		ADF rail ass.all nut bolt				
11		ADF Rail PP Wheel Balancing				
12		ADF cross tie tightening				
13		ADF helical gear greasing				
14		ADF wheel ball bearing greasing				
15		ADF pinion greasing				
16		ADF rack mounting tia nut bolt				
17		ADF Rail PP Wheel Nut Bolt tightening				
18		limit switch adjustble plate				
19		ADF Motor Base Nut bolt				
20		ADF Rack & Pinion cover Position				
21		ADF Rack & Pinion Position				
22		ADF Both limit Switch Rod Nut Bolt				
23		ADF nozzel bank assembly nut bolt				
24		ADF limit Switch Spring				
25		ADF Limit Switch				
26		ADF Limit Switch Position				


E	COIL					
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1	Coil	Fin Combing		Fins Comb Rivit PU Sheet		
2		All side PU Sheet position				
3		Coil Stand Leg Nut Bolt tightening				
4		Coil Drain Latch lock				
5		Coil Side Sheet Nut Bolt tightening				
6		Coil Side Z Flashing Rivit				
7		Coil Stand cross tie tightening				

F	All Gear Motor					
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1		Motor Jam		Gear Drive Oil Grease -40deg food grade		
2		Motor Mager				

3	Gear Motor	Motor terminal Connection	  	Nut Bolt Bearing	Mutimeter Mager meter Screw Driver Set Screw Spanner 14" Ring And D Spanner 10-32 line tester Allenkey Set (mm)					
4		Motor AMPS								
5		Motor Rotation								
6		Motor Base Nut-bolt								
7		Motor Gap Between Base								
8		Motor Terminal BOX leakage								
9		Gear Box oil level								
10		Gear shaft lock position								
11		Gear box running movement								
12		Motor Bearing								
13	Rotation Alingment									
G	Pulsuator									
1	Pulsuator	Pulsuator Blade Rotation		Bearing Grease -40deg food grade	Screw Driver Set Screw Spanner 14" Ring And D Spanner 10-32 Allenkey Set (mm)					
2		Blade Gap between pulsuator body								
3		Blade Shaft Bearing								
4		Pulsuator fittings Nut bolt								
5		Pulsuator Shaft Alingment								
H	Fan									
1	Fan	Motor Jam	   	Nut Bolt Grease -40deg food grade	Mutimeter Mager meter Screw Driver Set Screw Spanner 14" Ring And D Spanner 10-32 line tester Allenkey Set (mm) line Dori Sprit Level Mesurment Tape					
2		Motor Mager								
3		Motor terminal Connection								
4		Motor AMPS								
5		Motor Rotation								
6		Motor Terminal BOX leakage								
7		Motor Base Nut-bolt								
8		Motor Gap Between Base								
9		Gap between Impellar And Cone								
10		Fan Impellar Allingment & Level								
11		Fan Motor Level								
12		Motor Shaft Lock								
13		All Fan Alingment with Line dori								
14		Motor Base Nut-bolt								
15		Con Nut Bolt								
16		Motor Cover Nut Bolt								
17		Fan Front Grill Nut Bolt								
I	Doors									
1	Door	Door Heater	 	Heater Magnetic Switch	Mutimeter Screw Driver Set Allenkey Set (mm)					
2		Door Lock (Handle)								
3		Door Hinge								
4		Door Gas kit								
5		Door Switch (Magnetic Switch)								

J	Electrical Panel							
1	Electrical Panel	Input Power Supply		<p style="text-align: center;"> Lugs/Thimble Cable Tie PVC Tape Terminal Block OLR MCB MPCB CONTRACTOR RELAY BOARD GLASS FUES INDICATOR PUSH BUTTON SELECTOR SWITCH EMG. SWITCH RTD-PT100 MEGNATIC SWITCH LIMIT SWITCH LIGHT SMPS SPP ADD ON BLOCK FUES TERMINAL BLOCK </p>	<p style="text-align: center;"> Screw Driver Set Cutting Plier Wire Cutter Line tester Multimeter Clamp Meter Meger Meter Temp. Sensor Patch Cable Crimping tool Allen key set mm D Spanner set 5-14 Screw Spanner 8" Screw Driver 8" Mini Screw Driver </p>			
2		Main Incomming Terminal tightening						
3		Bus Bar Connection Distribution Tightning						
4		Field Wiring Teminal tightening						
5		Field Wiring testing						
6		Earthing Both (Inst. Power)						
7		All Contractor Terminal Tightning						
8		All MCB/MPCB/OLR / VFD/ Chocke Terminal Tightning						
9		All Contractor MCB/MPCB/OLR /VFD/Chocke Terminal Rusting						
10		Relay Board Connection tightening						
11		PLC Card Position						
12		All DI/DO And Power Fues						
13		Cooling Fan /Filter						
14		Propper Clening And Dreassing						
15		Main MCCB						
16		Step Down Trasnformer						
17		SPP Working						
18		SMPS						
19		UPS Power						
20		Push Button/ Emg. Button/ Selector Switch						
21		Panel Indicator						
22		Runing Sequence As per logic						
23		DI/DO/ Analog input checking						
24		Required Software Update						
25		Parameter Setting / Checking						
		