

EQUIPMENT PM CHECK SHEET

HOME

Format No.		MM SS15_F03	Issue No. / date	01 / 01 01 2020	Rev. No. / Date	01 / 01 01 2020	Page No.	01 of 02	Prepared By	Satish Guled					
Document No.		MM SS15_F03-10000633	Issue No. / date	01 / 01 01 2020	Rev. No. / Date	01 / 01 01 2020	Page No.	01 of 02	Approved By	Pantabrazo Takole					
Equip. Description : PNE PRESS AMETEEP 160TON 21_03		Equip. Code : *10000633	PM Notification Number : -	01 / 01 01 2020	PM Order Number : -	01 / 01 01 2020	Page No.	01 of 02	Date Of PM : -	30-3-20					
SrNo	Assembly	Sub Assy.	Part (Item Description)	Check Point	Check for			What To Do If Not OK?	What Will Happen If Not Done?	Lead To	Status				
					C	L	Rt				Before PM	After PM			
1			Coil	Ensure proper working				In Operating Mode	By hand	Q	Coil Replace	Chatterng / Clutch broke / liner life decrease	B	Before PM: No working	After PM: Proper working
2			Punger	Easy movement				No air leakage	Feel By hand	Q	Clean / Replace the seal	Direct / Jam	A	Before PM: No A. leakage	After PM: NO A. leakage
3			Gap	Gap				5.15 MM to 2.35 MM	Pillar Gauge	Q	Setting	Chatterng / Clutch broke / liner life decrease	B	Before PM: 1.5 mm	After PM: 1.5 mm
4			Clutch	Liner should be dry				Dry / Without oily	By hand	Q	Calcium carbonate apply	Friction pressure increase / seal leakage	B	Before PM: Dry	After PM: Dry
5				No damage				Condition should be ok	Visual	Q	Replace / Modification	Direct / Jam	A	Before PM: Dry	After PM: Dry
6			Clutch & Brake assembly	Surface should be rough				Knurling surface	By hand	Q	Do Knurling	Easy Slide	B	Before PM: Dry	After PM: Dry
7				Liner should be dry				Dry / Without oily	By hand	Q	Calcium carbonate apply	Friction pressure increase / seal leakage	B	Before PM: Dry	After PM: Dry
8				Liner switch				Element continually check	Multi meter	Q	Replace the element	Stroke will not apply / Ram slowly fall down	B	Before PM: OK	After PM: OK
9			Brake	Surface should be rough				Knurling surface	By hand	Q	Do Knurling	Friction pressure increase / seal leakage	B	Before PM: OK	After PM: OK
10			Crown Assembly	No damage				Condition should be ok	Visual	Q	Replace / Modification	Direct / Jam	A	Before PM: condition ok	After PM: Condition ok
11				Flywheel bearing lub				Easy oil flow	By hand	Q	Clean / Replace if jam	Bearing Life decrease / Flywheel out / RPM dec	B	Before PM: oil flow	After PM: oil flow
12			Lub Manifold	Drive shaft lub				Easy oil flow	By hand	Q	Clean / Replace if jam	Connecting Temp increase / Bush Wear	B	Before PM: oil flow	After PM: oil flow
13				Connecting & housing lub				Easy oil flow	By hand	Q	Clean / Replace if jam	Temp. increase / wear / parallelism disturb	B	Before PM: oil flow	After PM: oil flow
14				Gear Lub				Easy oil flow	By hand	Q	Clean / Replace if jam	Temp. increase life decrease / Gear wear	B	Before PM: oil flow	After PM: oil flow
15				Abnormal sound				No abnormal sound	Feel / hear	Q	Replace	Winding short / burn	B	Before PM: no A. sound	After PM: no A. sound
16				Condition				Ensure proper working	Manually	Q	Repair or replace	Shaft wear	B	Before PM: Proper working	After PM: Proper working
17			Main Motor	Condition				In ok condition	Manually	Q	Replace	Flywheel RPM dec	B	Before PM: ok condition	After PM: ok condition
18				No loose				Tight	Spanner	Q	Tight	Belt Slippage	B	Before PM: tight	After PM: tight
19				Tension				1/2 to 1 inch loose	Manually	Q	Set	Belt Slippage	B	Before PM: ok	After PM: ok
20			Ram	Parallelism				Min 0.750MM (CSFBRL)	Dial Gauge	Q	Set	Quality defect	D	Before PM: 0.13 mm	After PM: 0.13 mm
21			Connecting position	Lubrication points				No leakage / Damage	By hand	Q	Clean / Replace if jam	Wear / High temp	B	Before PM: oil flow	After PM: oil flow
22			Entry Motor	Bearing				Abnormal sound	Feel / hear	Q	Replace	Winding short / Burn	B	Before PM: no A. sound	After PM: no A. sound
23				Foundation				No loose	Spanner	Q	Tight	Slippage / Less efficiency	B	Before PM: tight	After PM: tight
24			Balancer	Counter balance cylinder				Leakage	Visually	Q	Replace Wiper & U seal	Counter balance disturb	D	Before PM: no leakage	After PM: no leakage
25			Balancer	Counter balance air pressure check				Pressure	Visually	Q	Set	Load on clutch	B	Before PM: 4 kg/cm ²	After PM: 4 kg/cm ²

EQUIPMENT PM CHECK SHEET

HOME

Format No. MM 8515_F08 Issue No. / date 01/01/01.2020 Rev. No. / Date 01/01/01.2020 Page No. 01 of 02 Prepared By Sathish Guled

Document No. MM 8515_F08-10000633 Issue No. / date 01/01/01.2020 Rev. No. / Date 01/01/01.2020 PM Order Number : - PM Order Number : - Date Of PM : 30-3-23

Equi. Description :- PNE. PRESS AMETEER 160TON 21_03 Equi. Code : -10000633 Std. Ok Condition / Acceptance Limit No dent & damage

Sr.No	Assembly	Sub Assy.	Part (Item Description)	Check Point	Check for		Std. Ok Condition / Acceptance Limit	Checking Method?	Tight	What To Do if Not OK?	What Will Happen if Not Done?	Lead To	Status	
					C	L							Before PM	After PM
26			Foundation	Check nut & quarter pin			No loose	By hand	Q	Repl. quarter pin & lock nut	Piston friction with body / cylinder air leakage	B	No Loose	No Loose
27			PLC	Communication cables			No loose	Screw Driver	Q	Tight	Communication error	B	Tight	Tight
28				Connections			No loose	Screw Driver	Q	Tight	Communication error	B	No Loose	Tight
29				Coil			Continuity	Screw Driver	Q	Tight	M/C Stops	B	Tight + Loose	Tight + Loose
30			Gudder / frame side	Contactor			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
31				Relay board			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
32			Main Control Panel	SMPs			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
33				Termination box			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
34				Push buttons			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
35				HMI			No loose	Screw Driver	Q	Tight	Communication error	B	High + Loose	High + Loose
36				Safety Sensor			Condition	By hand	Q	Repair	Accident	A	High + Loose	High + Loose
37				MPPD			Current rating	Visually	Q	Repair or replace	High current will take	B	High + Loose	High + Loose
38				Booster plate			Dent & damage	Visually	Q	Butturing	Parallelism disturb	D	No Dent	No Dent

PM Carried out by Maint. Persons

Name Richard Sign 

Machine Handover to Prod. Department

Name _____ Sign 

Verified & Approved By PLANT HEAD

Name _____ Sign 

Damage No Dent Damage No Dent