PREDICTIVE ANALYTICS REPORT	Report No: DPM-PAR-……….
Purpose – Make Failure Visible	

ASSET DESCRIPTION	Screw Compressor		
ASSET TAG NO.	4101k1	LOCATION	

FORECAST

NORMAL / INCIPIENT / DEGRADED	Normal
FORECAST PERIOD	*4/3/2022*

LIKELY CONSEQUENCES

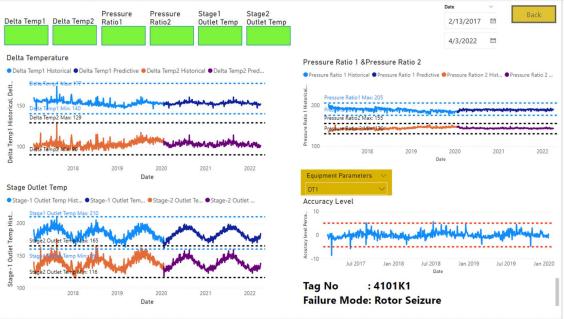| Safety	
Environmental	
Production Loss	
Maintenance Costs	
Frequency	
Total Cost	

EXECUTIVE SUMMARY FOR NEXT 3-MONTHS PERIOD

ANY CREDIBLE FAILURE MODE DEGRADED (Y/N):

ASSET OPERATION TO BE SUSPENDED FOR FURTHER INVESTIGATION (Y/N):

FAILURE MODE DETAILED STATUS

Failure Mode - Parameter	Forecast Detail	Accuracy Level (Target > 95%)
Rotor Seizure- Delta Temperature 1	Normal	97%
Rotor Seizure- Delta Temperature 2	Normal	98%
Rotor Seizure- Pressure Ratio 1	Normal	96%
Rotor Seizure- Pressure Ratio 2	Normal	95.7%
Rotor Seizure- Stage 1 Outlet Temperature	Normal	95.3%
Rotor Seizure- Stage 2 Outlet Temperature	Normal	96.2%

Report Writer Name:	Function:	Report Date:
Approval Name:	Function:	Approval Date:

APPENDIX: Support Images & Graphs:

Brief Description of the Finding

There is no immediate concern.

Potential Production impact: None

Hours down:	Production loss:

Cost impact: None

Materials: $	Labor: $	Logistics: $

Frequency:

☐ Never heard of	☐ Has occurred in this plant	☐ Has occurred Around	☐ < 1 /year	☐ > 1 /year

Action Items	Who	Due date	Complete
			☐
			☐
			☐
			☐