



1. EXPERTISE REPORT

Description			
Machine	021SR1201		
Location	SSO Reception Hall		
Designation	SSO Rentec Shredder		
Serial #			
Model			
Speed	Variable		
Previous Advice			Rotation Speed RPM
3/16/2021 3:35 PM			1481
Last Advice			Traceability
7/13/2021 3:02 PM			1481
Health is not acceptable for a long-time service.			Author u1 Sensor
			Instrument FALCON 13089 Connector
			Approved by u1 on 7/13/2021

Confidence		***							
1-Electric Motor-NDE									
2-Electric Motor-DE									
3-Gearbox-InDE									
4-Gearbox-InNDE									
5-Gearbox-OutNDE									
6-Gearbox-OutDE									
7-Shaft-DE									

Diagnosis : Belt misalignment and bearing wear.  
Increase in axial 1x run speed vibration from the motor. Mde bearing showing distress.

Recommendation : Check alignment and condition belts and grease the Mde bearing.

Machine data is collected at regular intervals with pre-arranged visits to site.

There are several methods of diagnosing machine condition. Our reliability specialist uses a range of instruments tailored to your requirements to give accurate and precise machine condition data.

The data is then analysed and a report issued prioritising urgent actions required.

All data collected remains yours and is treated as confidential.

# Reporting & Recommendations