

MILITARY SEALIFT COMMAND



Condition Monitoring

12 MAR 2019

UNCLASSIFIED



Lesson Objectives

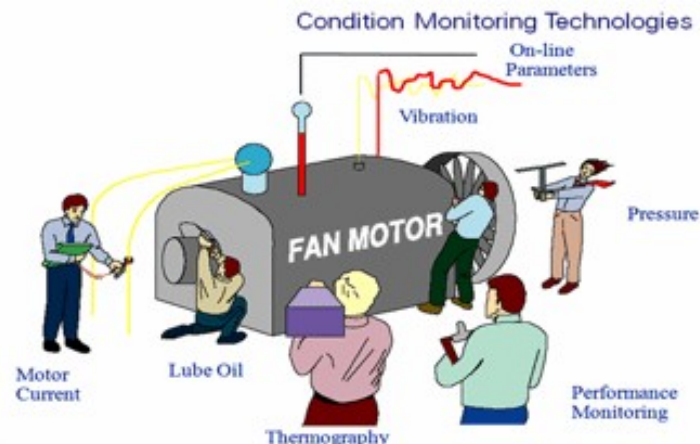
- Print LO Sample Labels
- View and Trend LO Sample lab results
- View Vibration results with Analyst comments
- View Reciprocating Analysis (RA) results
- View and edit Special Test Readings



Condition Monitoring

The CMS Module is where all SAMM data collection parameters are located.

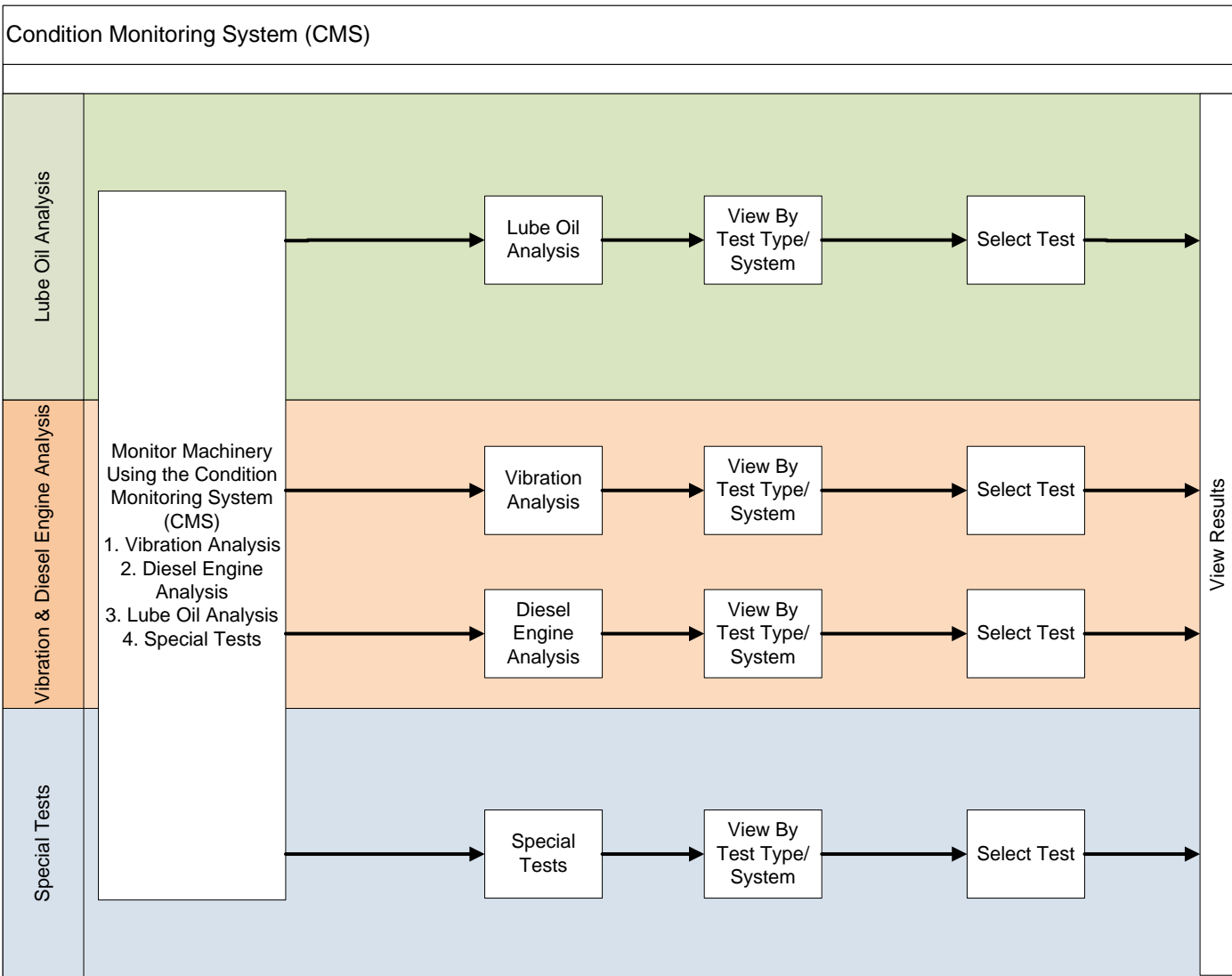
- Access to Reciprocating Analysis software
- Lubricating Oil Sample Points/Lab Data
- Vibration Test Results and Analysis
- Water Chemistry Test Results and Analysis
- Motor Insulation Resistance Test Readings (Megger)
- Other Special Test Readings



Completing the CMS Test Result will complete the PM, even if its not scheduled.



Condition Monitoring Flowpath



UNCLASSIFIED

OPR: N7



Exercises

1. Print LO Sample Labels

Print the LO Labels to the Desktop with a filename
"LO Labels.pdf"

2. View and Trend LO Sample lab results

View the LO Results for #1 A/C Plant Compressor and Print
The Test Result Grid and Analyst Comments "LO Result Table.pdf"
Trend Graph Report "LO Trend Graph.pdf"

3. View Vibration results with Analyst comments

Open the Vibration Results for the No. 2 Dewatering Pump and print the Vibration analyst report
"Pump Vibration Report.pdf"

4. View Reciprocating Analysis (RA) results

Print the Graph to the Diesel Doctor Test Results for No. 1 Main Diesel Generator Engine for Oct 28, 2018.
"Diesel Doctor.pdf"

5. View and edit Special Test Readings

(Duplicated with Workbook Learning Objective)



Condition Monitoring Review

Any further Questions on CMS?