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Summary of Findings

STAM 2 – Condenser Fans

EQUIPMENT	Date of Testing	EQUIPMENT STATUS	FINDINGS	RECOMMENDATION/ ACTION PLAN
Stam 2 – Condenser 1 Fan 2 (MOTOR ONLY)	08/26/2025	NORMAL	<ul style="list-style-type: none">Machine Vibration is at Tolerable Level at the Time of Testing.	<ul style="list-style-type: none">No immediate actions needed.
Stam 2 – Condenser 2 Fan 1	08/26/2025	WARNING	<ul style="list-style-type: none">Possible Bearing Looseness/Wear.	<ul style="list-style-type: none">Conduct Inspection of Motor Bearings for Wear and Housing Clearances if still within Tolerable Measurements.
Stam 2 – Condenser 2 Fan 2	08/26/2025	NORMAL	<ul style="list-style-type: none">Machine Vibration is at Tolerable Level at the Time of Testing.	<ul style="list-style-type: none">No immediate actions needed.

STAM 2 – Condenser 1 Fan 2 (MOTOR ONLY)

EQUIPMENT STAUS: **NORMAL**

DATE OF TESTING: 08/26/2025

- Findings:
- Motor Vibration is at tolerable Level at the Time of Testing
- Recommendation:
- No immediate actions needed.

Machine name	POINT name	Units	VIBRATION READING VALUES
			2025
			26-Aug
NDE Support Bearing	4AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 2AV	mm/s	7.464
Motor	MTR 2VV	mm/s	4.758
Motor	MTR 2HV	mm/s	2.966
Motor	MTR 2HE	gE	1.637
Motor	MTR 1AV	mm/s	4.094
Motor	MTR 1VV	mm/s	2.445
Motor	MTR 1HV	mm/s	2.811
Motor	MTR 1HE	gE	0.657

EQUIPMENT STATUS: WARNING

DATE OF TESTING: 08/26/2025

Findings:

- Elevated Raised Noise Floor with Random Peaks observed on Motor Drive End Enveloping Spectrum Possible indication of Bearing Looseness/Wear.

Recommendation:

- Conduct Inspection of Motor Bearings for Wear and Housing Clearances if still within Tolerable Measurements.

Machine name	POINT name	Units	VIBRATION READING VALUES
			2025
			26-Aug
NDE Support Bearing	4AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 2AV	mm/s	1.498
Motor	MTR 2VV	mm/s	4.061
Motor	MTR 2HV	mm/s	4.257
Motor	MTR 2HE	gE	6.807
Motor	MTR 1AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 1VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 1HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 1HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)

EQUIPMENT STATUS: NORMAL

DATE OF TESTING: 08/26/2025

Findings:

- Motor Vibration is at tolerable Level at the Time of Testing

Recommendation:

- No immediate actions needed.

Machine name	POINT name	Units	VIBRATION READING VALUES
			2025
			26-Aug
NDE Support Bearing	4AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
NDE Support Bearing	4HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3AV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3VV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HV	mm/s	NO ACCESS (HARD UNSAFE TO ACCESS)
DE Support Bearing	3HE	gE	NO ACCESS (HARD UNSAFE TO ACCESS)
Motor	MTR 2AV	mm/s	2.864
Motor	MTR 2VV	mm/s	2.809

Motor	MTR 2HV	mm/s	9.687
Motor	MTR 2HE	gE	2.676
Motor	MTR 1AV	mm/s	2.209
Motor	MTR 1VV	mm/s	2.381
Motor	MTR 1HV	mm/s	10.235
Motor	MTR 1HE	gE	2.257