

Induced Draft Fans

ID Fan 4 > Fan OB Bearing

FAULT TYPE:

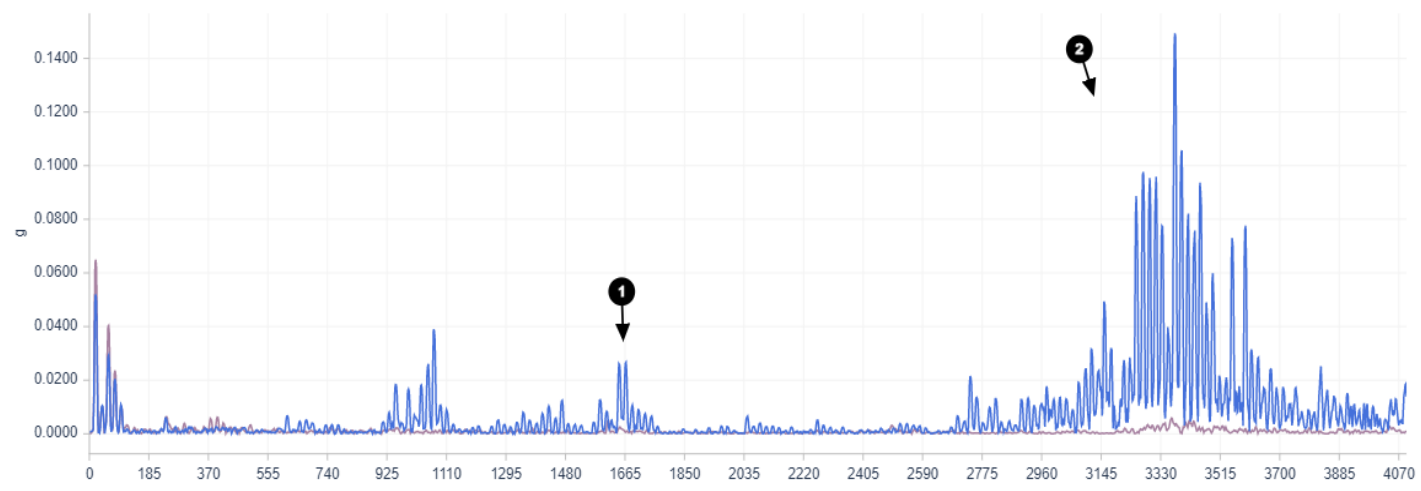
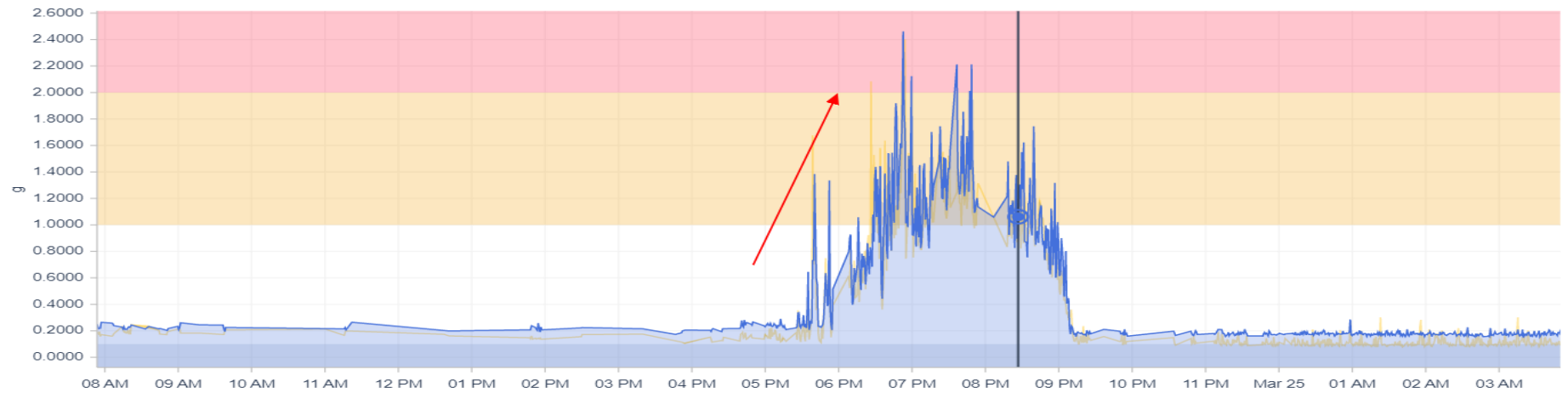
- Bearing Fault – Lubrication Issue/Lack Thereof

INDICATION:

- Warning/Alarm Alert emails received as the Fan OB Bearing reached the predetermined, specific thresholds set.
- Specific bearing wear patterns identified compared to the “healthy” baseline vibration pattern.

ACTION TAKEN:

- Bearing oil drained and replenished. It was thought to have some particulate in the bearing causing this fault pattern.



- 1 Mid-Frequency distinct peaks indicate there could be some bearing damage present
- 2 High Frequency noise - indicating early stage bearing wear, can be mitigated with a lubrication issue usually