

# Steam Turbine Vibration Analysis Report

## 1. General Information

Plant Name:

Turbine Model:

Serial Number:

Date of Analysis:

Location:

Report Prepared By:

## 2. Operating Conditions

Load (MW):

RPM:

Steam Pressure (bar):

Steam Temperature (°C):

Ambient Temperature (°C):

## 3. Bearing Vibration Data

Bearing No.	Horizontal (mm/s)	Vertical (mm/s)	Axial (mm/s)

## 4. Spectrum Analysis

Observed Frequencies:

Dominant Frequency Peaks:

Possible Causes:

## 5. Diagnosis

Observations:

Analysis:

Recommendations:

## 6. Attachments

Graphs/Spectra:

Photos:

## 7. Approval

Signature:

**Date:**