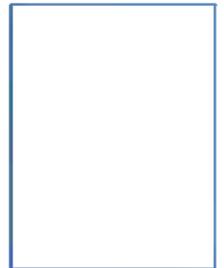


[Redacted]

City
State, Country
Phone
Gmail



Curriculum Vitae

Industrial Experience

1992–Present **Director** [Redacted] company, [Redacted] [Redacted]

- Analysis and diagnosis in rotating machine for different plants for [Redacted]
- Paper machine vibration analysis and diagnosis for [Redacted]
- Analysis and Control Vibration of equipment ships for [Redacted]
- Balancing of gas turbine in-situ and laser alignment of shaft for [Redacted]
- Analysis of vibration on laser alignment of shaft for high speed ferry boat for [Redacted]
- Analysis and Diagnosis in very low speed bearing of continuous casting of steel [Redacted]
- Balancing of Turbine gas and steam of central gas turbines of 260 MW and steam turbines of 350MW for [Redacted]
- Alignment control of ships of the Ecuadorian navy for [Redacted]
- Locomotive control in the canal of [Redacted]

1989-1996 Predictive Maintenance Engineer in [Redacted]

- Responsible for predictive maintenance in steel plants in the techniques of mechanical vibration analysis, laser beam alignment, thermography, acoustic emission and non-destructive testing (penetrant dyes, magnetic particles and ultrasonic testing).
- Designated as a bearing expert in both technical and process definition, implementing measures to reduce consumption, warehouse stocks and specifying purchases.
- Responsible for analyzing chronic cases of fatigue failures of machine elements, studying the current situation and proposing engineering improvements for the elimination of such failures.
- Development of continuous monitoring systems and vibration analysis. In charge of the assembly engineering of continuous vibration monitoring systems for large equipment.
- Measurement and development of diagnostic techniques on machine tools using acoustic emission on cutting tools.
- Investigation of vibrations in gearboxes and implementation of these studies in predictive maintenance.

Academic Experience

1984–2016 **Research member of mechanical vibration group,** [Redacted]

- Measurement and Analysis of vibrations for the diagnosis of bearing and gears in rotating machines.
- Analysis of neutron noise in nuclear reactor of pressure heavy water of [Redacted]
- Implementation of coefficient techniques, least squares method and modal analysis method in power turbines.

○ Graduate Course "Analysis of Mechanical vibrations" at [Redacted]
[Redacted]
[Redacted]

Computer Skills

Programming language DELPHI, BASIC
Software MICROSOFT (EXCEL, OFFICE)

Expertise

- Maintenance Predictive
- Rotordynamics
- Balancing of Turbines
- Modal Analysis of vibrations
- Laser alignment of machine in gas and steam
- Analysis of neutronic noise in nuclear reactor

Education

DEGREE: Electromechanical engineering

Languages

Spanish **Mothertongue**
German **Intermediate**
English **Intermediate**