

Equipment Registration Form (ERF)

This form should be filled out for each machine that will be monitored through our MachineCloud service. With this information, our level 4 vibration analysts can provide excellent customer service and component level suggestions to keep your machines running longer with fewer failures and less unplanned downtime.

EQUIPMENT REGISTRATION FORM

Area	Sector	Machine																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Component</p> <div style="border: 1px solid black; height: 100px; margin-bottom: 10px;"></div> <p>Drive Component</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input type="checkbox"/> AC Motor</p> <p><input type="checkbox"/> DC Motor</p> <p><input type="checkbox"/> Generator</p> <p><input type="checkbox"/> Servo or Special Motor</p> </div> <div style="width: 45%;"> <p><input type="checkbox"/> TAG</p> <p><input type="checkbox"/> Frame</p> <p><input type="checkbox"/> Speed</p> <p><input type="checkbox"/> CV</p> <p><input type="checkbox"/> Kw</p> <p><input type="checkbox"/> RPM</p> <p><input type="checkbox"/> Voltage (V)</p> <p><input type="checkbox"/> Current (Amps)</p> <p><input type="checkbox"/> Frequency (Hz)</p> <p><input type="checkbox"/> Insulation</p> <p><input type="checkbox"/> Protection level</p> <p><input type="checkbox"/> Efficiency</p> <p><input type="checkbox"/> Service Factor</p> <p><input type="checkbox"/> Power Factor</p> <p><input type="checkbox"/> Category</p> <p><input type="checkbox"/> FS</p> <p><input type="checkbox"/> Cos φ</p> <p><input type="checkbox"/> CAT</p> </div> </div> <p>Bearings</p> <p><input type="checkbox"/> Pillow Block/Sleeve</p> <p><input type="checkbox"/> Bearing DE</p> <p><input type="checkbox"/> Bearing NDE</p> <p>Lubrication</p> <p>Bearing DE</p> <p><input type="checkbox"/> Grease</p> <p><input type="checkbox"/> Oil</p> <p><input type="checkbox"/> Manual System</p> <p><input type="checkbox"/> Automatic System</p> <p><input type="checkbox"/> Gravity Flow</p> <p><input type="checkbox"/> Forced Flow</p> <p><input type="checkbox"/> Manual System</p> <p><input type="checkbox"/> Automatic System</p> <p><input type="checkbox"/> Gravity Flow</p> <p><input type="checkbox"/> Forced Flow</p> <p>* Electric Start Drive</p> <p><input type="checkbox"/> Contactor</p> <p><input type="checkbox"/> Soft - Starter</p> <p><input type="checkbox"/> Inverter</p> <p><input type="checkbox"/> Number of IGBT Modules</p> <p><input type="checkbox"/> Number of leads per phase</p> <p>Photo of inverter output connections</p> <p>* Motor Mounting</p> <p><input type="checkbox"/> Flanged Driven Side</p> <p><input type="checkbox"/> Flanged to Driven Element</p> <p><input type="checkbox"/> Mounted on Metallic Base</p> <p><input type="checkbox"/> Mounted Directly to the Floor</p> <p><input type="checkbox"/> Mounted on Cushions</p> <p><input type="checkbox"/> Mounted on Springs</p> </div> <div style="width: 50%;"> <p>Transmission</p> <p><input type="checkbox"/> Rigid Screw Fixing</p> <p><input type="checkbox"/> Flexible / Elastic</p> <p><input type="checkbox"/> Grided Gear</p> <p><input type="checkbox"/> Arched teeth with sleeve</p> <p><input type="checkbox"/> Pin Elastic</p> <p><input type="checkbox"/> Claw Elastic</p> <p><input type="checkbox"/> Hydraulic</p> <p><input type="checkbox"/> Other types not contemplated in this ERF:</p> <p>Coupling</p> <p><input type="checkbox"/> Angle Drive</p> <p><input type="checkbox"/> Straight Drive</p> <p><input type="checkbox"/> Axial Spacer</p> <p>Axial Joint</p> <p><input type="checkbox"/> Ø Drive (d1)</p> <p><input type="checkbox"/> Ø Driven (d2)</p> <p><input type="checkbox"/> Ratio</p> <p><input type="checkbox"/> Between Axes (L)</p> <p><input type="checkbox"/> Number of Belts</p> <p>Pulleys / Belts</p> <p><input type="checkbox"/> Drive Gear Teeth (Z1)</p> <p><input type="checkbox"/> Driven Gear Teeth (Z2)</p> <p><input type="checkbox"/> Ratio</p> <p><input type="checkbox"/> Between Axes (L)</p> <p>Crown / Chain</p> <p>Description</p> <p><input type="checkbox"/> TAG</p> <p>Manufacturer</p> <p><input type="checkbox"/> Model</p> <p>Serial Number</p> <p><input type="checkbox"/> Ratio</p> <p><input type="checkbox"/> Number of Shafts</p> <p><input type="checkbox"/> Parallel Gearbox</p> <p><input type="checkbox"/> Helicoidal Gearbox</p> <p><input type="checkbox"/> Cycloidal Gearbox</p> <p><input type="checkbox"/> Planetary Gearbox</p> <p><input type="checkbox"/> Endless Axis</p> <p><input type="checkbox"/> Other</p> <p>Gearbox</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>RPM</th> <th>Bear. DE</th> <th>Bear. NDE</th> <th>Pinion</th> <th>Ring Gear</th> </tr> </thead> <tbody> <tr> <td>Input</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1st Inter. Shaft</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2nd Inter. Shaft</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3rd Inter. Shaft</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4th Inter. Shaft</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Output</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Type</p> <p><input type="checkbox"/> Lubricant Oil</p> <p><input type="checkbox"/> Hydraulic Oil</p> <p><input type="checkbox"/> Grease</p> <p>* Commercial Name</p> <p><input type="checkbox"/> Manufacturer / Brand</p> <p>* Manufacturer / Brand</p> <p>Lubricant Viscosity (ISO VG)</p> <p>Reservoir Volume (quarts)</p> <p>NAS</p> <p>Sampling Point</p> <p><input type="checkbox"/> Upper Suction</p> <p><input type="checkbox"/> Sampler</p> <p><input type="checkbox"/> Pitot Suction</p> <p><input type="checkbox"/> Lower Drain</p> </div> </div>		RPM	Bear. DE	Bear. NDE	Pinion	Ring Gear	Input					1st Inter. Shaft					2nd Inter. Shaft					3rd Inter. Shaft					4th Inter. Shaft					Output					<p>Machine</p> <p>Driven Component</p> <p>Description</p> <p><input type="checkbox"/> TAG</p> <p>Manufacturer</p> <p><input type="checkbox"/> Model</p> <p>* Type</p> <p><input type="checkbox"/> Gears</p> <p><input type="checkbox"/> Lobe</p> <p><input type="checkbox"/> Screw</p> <p>Pump</p> <p><input type="checkbox"/> Rotor / Blades</p> <p><input type="checkbox"/> Axial</p> <p><input type="checkbox"/> Piston</p> <p>Phase</p> <p><input type="checkbox"/> Simple Phase</p> <p><input type="checkbox"/> Multiple Phase</p> <p>Lubrication</p> <p><input type="checkbox"/> Oil</p> <p><input type="checkbox"/> Grease</p> <p><input type="checkbox"/> With Lubrication Fitting</p> <p><input type="checkbox"/> Without Lubrication Fitting</p> <p>Description</p> <p><input type="checkbox"/> TAG</p> <p>Manufacturer</p> <p><input type="checkbox"/> Model</p> <p>Rotor Diameter</p> <p>Number of Blades</p> <p><input type="checkbox"/> Swing Fan</p> <p><input type="checkbox"/> On Bearings</p> <p><input type="checkbox"/> Driving Shaft</p> <p>Fan/Exhausts</p> <p>Lubrication</p> <p><input type="checkbox"/> Oil</p> <p><input type="checkbox"/> Grease</p> <p><input type="checkbox"/> With Lubrication Fitting</p> <p><input type="checkbox"/> Without Lubrication Fitting</p> <p>Description</p> <p><input type="checkbox"/> TAG</p> <p>Manufacturer</p> <p><input type="checkbox"/> Model</p> <p>* Load</p> <p><input type="checkbox"/> Ar</p> <p><input type="checkbox"/> NH3</p> <p><input type="checkbox"/> CO2</p> <p><input type="checkbox"/> Freon</p> <p><input type="checkbox"/> Alternative</p> <p><input type="checkbox"/> "V" Type</p> <p><input type="checkbox"/> "W" Type</p> <p><input type="checkbox"/> "L" Type</p> <p><input type="checkbox"/> Opposite Pistons</p> <p><input type="checkbox"/> Pistons in Line</p> <p><input type="checkbox"/> Horizontal</p> <p>Compressor</p> <p><input type="checkbox"/> Centrifugal</p> <p><input type="checkbox"/> Simple Stage 1 Impellers</p> <p><input type="checkbox"/> Multi Stages 2 Impellers</p> <p><input type="checkbox"/> Multi Stages 3 Impellers</p> <p><input type="checkbox"/> Multi Stages 4 Impellers</p> <p><input type="checkbox"/> Screw</p> <p><input type="checkbox"/> Simple Stage</p> <p><input type="checkbox"/> Multiple Stage</p>
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