

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: 20%;"> <p>Component</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> </div> <div style="width: 20%;"> <p>TAG</p> </div> </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: 5%;"> <p>Description</p> <p>TAG</p> <p>Manufacturer</p> <p>Frame</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Power</p> <p>CV <input type="text"/> Kw <input type="text"/></p> <p>Speed</p> <p>RPM <input type="text"/></p> <p>Voltage (V)</p> <p><input type="text"/></p> <p>Current (Amps)</p> <p><input type="text"/></p> <p>Frequency (Hz)</p> <p><input type="text"/></p> <p>Insulation</p> <p><input type="text"/></p> <p>Protection level</p> <p><input type="text"/></p> <p>Efficiency</p> <p><input type="text"/></p> <p>Service Factor</p> <p><input type="text"/></p> <p>Power Factor</p> <p><input type="text"/></p> <p>Category</p> <p><input type="text"/></p> <p>FS</p> <p><input type="text"/></p> </div> <div style="width: 5%;"> <p>Bearings</p> <p><input type="checkbox"/> Pillow Block/Sleeve</p> <p><input type="checkbox"/> Bearing DE <input type="text"/></p> <p><input type="checkbox"/> Bearing NDE <input type="text"/></p> </div> </div> <p>Lubrication</p> <p>Bearing DE <input type="checkbox"/> Grease <input type="checkbox"/> Manual System <input type="checkbox"/> Automatic System</p> <p>Bearing NDE <input type="checkbox"/> Grease <input type="checkbox"/> Gravity Flow <input type="checkbox"/> Forced Flow</p> <p><input type="checkbox"/> Oil <input type="checkbox"/> Manual System <input type="checkbox"/> Automatic System</p> <p><input type="checkbox"/> Oil <input type="checkbox"/> Gravity Flow <input type="checkbox"/> Forced Flow</p> <p>* Electric Start Drive</p> <p><input type="checkbox"/> Contactor <input type="checkbox"/> Soft - Starter</p> <p><input type="checkbox"/> Inversor</p> <p><input type="checkbox"/> Number of IGBT Modules</p> <p><input type="checkbox"/> Number of leads per fase</p> <p>Photo of inverter output connections</p> <p>* Motor Mounting</p> <p><input type="checkbox"/> Flanged Driven Side <input type="checkbox"/> Flanged to Driven Element</p> <p><input type="checkbox"/> Mounted on Metallic Base <input type="checkbox"/> Mounted Directly to the Floor</p> <p><input type="checkbox"/> Mounted on Cushions <input type="checkbox"/> Mounted on Springs</p>	<p>Transmission</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input type="checkbox"/> Rigid Screw Fixing</p> <p><input type="checkbox"/> Grided Gear</p> <p><input type="checkbox"/> Pin Elastic</p> <p><input type="checkbox"/> Hydraulic</p> <p><input type="checkbox"/> Other types not contemplated in this ERF:</p> </div> <div style="width: 5%;"> <p>Coupling</p> <p><input type="checkbox"/> Flexible / Elastic</p> <p><input type="checkbox"/> Arched teeth with sleeve</p> <p><input type="checkbox"/> Claw Elastic</p> </div> <div style="width: 50%;"> <p>Manufacturer</p> <p>Model</p> </div> </div> <p>Angle Drive <input type="checkbox"/> Straight Drive <input type="checkbox"/></p> <p>Axial Joint <input type="checkbox"/> Axial Spacer <input type="checkbox"/></p> <p>Pulleys / Belts</p> <p><input type="checkbox"/> Ratio <input type="text"/></p> <p>Between Axes (L) <input type="text"/> cm</p> <p>Number of Belts <input type="text"/> un.</p> <p>Crown / Chain</p> <p><input type="checkbox"/> Drive Gear Teeth (Z1) <input type="text"/> un.</p> <p><input type="checkbox"/> Driven Gear Teeth (Z2) <input type="text"/> un.</p> <p><input type="checkbox"/> Ratio <input type="text"/></p> <p>Between Axes (L) <input type="text"/> cm</p> <p>Description <input type="text"/> TAG <input type="text"/></p> <p>Manufacturer <input type="text"/> Model <input type="text"/></p> <p>Serial Number <input type="text"/> Ratio <input type="text"/> Number of Shafts <input type="text"/></p> <p><input type="checkbox"/> Parallel Gearbox <input type="checkbox"/> Helicoidal Gearbox</p> <p><input type="checkbox"/> Cycloidal Gearbox <input type="checkbox"/> Planetary Gearbox</p> <p><input type="checkbox"/> Endless Axis <input type="checkbox"/> Other <input type="text"/></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 <input type="checkbox"/> Lubricant Oil <input type="checkbox"/> Hydraulic Oil <input type="checkbox"/> Grease</p>	RPM	Bear. DE	Bear. NDE	Pinion	Ring Gear	Input					1st Inter. Shaft					2nd Inter. Shaft					3rd Inter. Shaft					4th Inter. Shaft					Output					<p>Driven Component</p> <p>Description <input type="text"/> TAG <input type="text"/></p> <p>Manufacturer <input type="text"/> Model <input type="text"/></p> <p>* Type</p> <p><input type="checkbox"/> Gears <input type="checkbox"/> Lobe <input type="checkbox"/> Screw</p> <p>Pump</p> <p><input type="checkbox"/> Rotor / Blades <input type="checkbox"/> Axial <input type="checkbox"/> Piston</p> <p>Phase</p> <p><input type="checkbox"/> Simple Phase <input type="checkbox"/> Multiple Phase</p> <p>Lubrication</p> <p><input type="checkbox"/> Oil <input type="checkbox"/> Grease <input type="checkbox"/> With Lubrication Fitting <input type="checkbox"/> Without Lubrication Fitting</p> <p>Description <input type="text"/> TAG <input type="text"/></p> <p>Manufacturer <input type="text"/> Model <input type="text"/></p> <p>Rotor Diameter <input type="text"/> Number of Blades <input type="text"/></p> <p><input type="checkbox"/> Swing Fan <input type="checkbox"/> On Bearings <input type="checkbox"/> Driving Shaft</p> <p>Fan/Exhausts</p> <p><input type="checkbox"/> Oil <input type="checkbox"/> Grease <input type="checkbox"/> With Lubrication Fitting <input type="checkbox"/> Without Lubrication Fitting</p> <p>Description <input type="text"/> TAG <input type="text"/></p> <p>Manufacturer <input type="text"/> Model <input type="text"/></p> <p>* Load <input type="checkbox"/> Ar <input type="checkbox"/> NH3 <input type="checkbox"/> CO2 <input type="checkbox"/> Freon</p> <p><input type="checkbox"/> Alternative</p> <p><input type="checkbox"/> "V" Type <input type="checkbox"/> "W" Type <input type="checkbox"/> "L" Type</p> <p><input type="checkbox"/> Opposite Pistons <input type="checkbox"/> Pistons in Line <input type="checkbox"/> Horizontal</p> <p>Compressor</p> <p><input type="checkbox"/> Centrifugal</p> <p><input type="checkbox"/> Simple Stage 1 Impellers <input type="checkbox"/> Multi Stages 2 Impellers</p> <p><input type="checkbox"/> Multi Stages 3 Impellers <input type="checkbox"/> Multi Stages 4 Impellers</p> <p><input type="checkbox"/> Screw</p> <p><input type="checkbox"/> Simple Stage <input type="checkbox"/> Multiple Stage</p> <p>* Commercial Name <input type="text"/> * Manufacturer / Brand <input type="text"/></p> <p>Tech Features <input type="checkbox"/> Mineral <input type="checkbox"/> Synthetic <input type="checkbox"/> Semi - Synthetic</p> <p>Information</p> <p>Lubricant Viscosity (ISO VG) <input type="text"/></p> <p>Reservoir Volume (quarts) <input type="text"/> NAS <input type="text"/></p> <p>Sampling Point <input type="checkbox"/> Upper Suction <input type="checkbox"/> Sampler <input type="checkbox"/> Pitot Suction <input type="checkbox"/> Lower Drain</p>
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