

# 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><b>Component</b></p> <div style="border: 1px solid black; height: 100px; margin-bottom: 10px;"></div> <p><b>Drive Component</b></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"/> Pillow Block/Sleeve</p> <p><input type="checkbox"/> Bearing DE</p> <p><input type="checkbox"/> Bearing NDE</p> </div> </div> <p><b>Lubrication</b></p> <p>Bearing DE <input type="checkbox"/> Grease <input type="checkbox"/> Oil</p> <p>Bearing NDE <input type="checkbox"/> Grease <input type="checkbox"/> Oil</p> <p><b>Electric Start Drive</b></p> <p><input type="checkbox"/> Contactor <input type="checkbox"/> Soft - Starter <input type="checkbox"/> Inverter</p> <p><b>Motor Mounting</b></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> </div> <div style="width:50%;"> <p><b>Transmission</b></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:45%;"> <p><input type="checkbox"/> Flexible / Elastic</p> <p><input type="checkbox"/> Arched teeth with sleeve</p> <p><input type="checkbox"/> Claw Elastic</p> <p><input type="checkbox"/> Angle Drive</p> <p><input type="checkbox"/> Straight Drive</p> <p><input type="checkbox"/> Axial Spacer</p> </div> </div> <p><b>Coupling</b></p> <p><input type="checkbox"/> Hydraulic</p> <p><b>Other types not contemplated in this ERF:</b></p> <p><b>Angle Drive</b></p> <p><input type="checkbox"/> Straight Drive</p> <p><input type="checkbox"/> Axial Spacer</p> <p><b>Ø Drive (d1)</b> <input type="text"/> cm</p> <p><b>Ø Driven (d2)</b> <input type="text"/> cm</p> <p><b>Ratio</b> <input type="text"/></p> <p><b>Between Axes (L)</b> <input type="text"/> cm</p> <p><b>Number of Belts</b> <input type="text"/> un.</p> <p><b>Drive Gear Teeth (Z1)</b> <input type="text"/> un.</p> <p><b>Driven Gear Teeth (Z2)</b> <input type="text"/> un.</p> <p><b>Ratio</b> <input type="text"/></p> <p><b>Between Axes (L)</b> <input type="text"/> cm</p> <p><b>Description</b> <input type="text"/> <b>TAG</b> <input type="text"/></p> <p><b>Manufacturer</b> <input type="text"/> <b>Model</b> <input type="text"/></p> <p><b>Serial Number</b> <input type="text"/> <b>Ratio</b> <input type="text"/> <b>Number of Shafts</b> <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> <p><b>RPM</b> <input type="text"/> <b>Bear. DE</b> <input type="text"/> <b>Bear. NDE</b> <input type="text"/> <b>Pinion</b> <input type="text"/> <b>Ring Gear</b> <input type="text"/></p> <p><b>Input</b> <input type="text"/> <b>1st Inter. Shaft</b> <input type="text"/> <b>2nd Inter. Shaft</b> <input type="text"/> <b>3rd Inter. Shaft</b> <input type="text"/> <b>4th Inter. Shaft</b> <input type="text"/> <b>Output</b> <input type="text"/></p> <p><b>* Type</b> <input type="checkbox"/> Lubricant Oil <input type="checkbox"/> Hydraulic Oil <input type="checkbox"/> Grease</p> <p><b>* Commercial Name</b> <input type="text"/> <b>* Manufacturer / Brand</b> <input type="text"/></p> <p><b>Tech Features</b> <input type="checkbox"/> Mineral <input type="checkbox"/> Synthetic <input type="checkbox"/> Semi - Synthetic</p> <p><b>Information</b> <input type="checkbox"/> Lubricant Viscosity (ISO VG) <input type="text"/> <input type="checkbox"/> Reservoir Volume (quarts) <input type="text"/> <input type="checkbox"/> NAS</p> <p><b>Sampling Point</b> <input type="checkbox"/> Upper Suction <input type="checkbox"/> Sampler <input type="checkbox"/> Pitot Suction <input type="checkbox"/> Lower Drain</p> </div> </div>		<p><b>Machine</b></p> <p><b>Description</b> <input type="text"/> <b>TAG</b> <input type="text"/></p> <p><b>Manufacturer</b> <input type="text"/> <b>Model</b> <input type="text"/></p> <p><b>*Type</b> <input type="checkbox"/> Gears <input type="checkbox"/> Lobe <input type="checkbox"/> Screw</p> <p><b>Pump</b> <input type="checkbox"/> Rotor / Blades <input type="checkbox"/> Axial <input type="checkbox"/> Piston</p> <p><b>Phase</b> <input type="checkbox"/> Simple Phase <input type="checkbox"/> Multiple Phase</p> <p><b>Lubrication</b> <input type="checkbox"/> Oil <input type="checkbox"/> Grease <input type="checkbox"/> With Lubrication Fitting <input type="checkbox"/> Without Lubrication Fitting</p> <p><b>Description</b> <input type="text"/> <b>TAG</b> <input type="text"/></p> <p><b>Manufacturer</b> <input type="text"/> <b>Model</b> <input type="text"/></p> <p><b>Rotor Diameter</b> <input type="text"/> <b>Number of Blades</b> <input type="text"/></p> <p><input type="checkbox"/> Swing Fan <input type="checkbox"/> On Bearings <input type="checkbox"/> Driving Shaft</p> <p><b>Lubrication</b> <input type="checkbox"/> Oil <input type="checkbox"/> Grease <input type="checkbox"/> With Lubrication Fitting <input type="checkbox"/> Without Lubrication Fitting</p> <p><b>Description</b> <input type="text"/> <b>TAG</b> <input type="text"/></p> <p><b>Manufacturer</b> <input type="text"/> <b>Model</b> <input type="text"/></p> <p><b>* Load</b> <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><b>Compressor</b> <input type="checkbox"/> Centrifugal <input type="checkbox"/> Simple Stage 1 Impellers <input type="checkbox"/> Multi Stages 2 Impellers <input type="checkbox"/> Multi Stages 3 Impellers <input type="checkbox"/> Multi Stages 4 Impellers</p> <p><input type="checkbox"/> Screw <input type="checkbox"/> Simple Stage <input type="checkbox"/> Multiple Stage</p>

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