



Inspection - Plant/Equipment/Machinery Checklist

Rotating Equipment_Maintaining of Rotating Equipment to Prevent Ejection - Maintaining of Rotating Equipment to Prevent Ejection of Projectiles or Fluids

Prompt	Establis	Improvem	N/A	Explanation	Comments
Rotating process equipment is subject to a planned maintenance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rotating process equipment is subject to a planned maintenance and inspection program, including internal inspections and preventative maintenance routines.	
Rotating process equipment is subject to a condition monitoring program?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rotating process equipment is subject to a condition monitoring program (e.g. vibration analysis, oil analysis, operating performance monitoring etc.).	
Equipment components are replaced or repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Equipment components (e.g. blades, casing, shaft, impeller etc) are replaced or repaired based on defined criteria for condition or service life.	
Replacement components for rotating process equipment are sourced from manufacturer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replacement components for rotating process equipment (e.g. blades, casing, shaft, impeller etc.) are sourced from the equipment manufacturer and / or designed and manufactured in accordance with an industry standard.	
Maintenance and inspection schedules are listed in, and tracked by, the site maintenance management system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Maintenance and inspection schedules for rotating process equipment are listed in, and tracked by, the site maintenance management system.	
People performing are qualified and competent?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	People performing maintenance, inspection or monitoring activities on rotating process equipment are qualified and competent in performing the required tasks.	
Supervisor to provide competent resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor to provide competent resources (internal or external) to maintain, inspect and monitor rotating process equipment.	
Supervisor enter maintenance and inspection schedules?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Enter maintenance and inspection schedules for rotating process equipment in the site maintenance management system	
Supervisor verify that rotating process equipment has been inspected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Verify that rotating process equipment has been inspected and maintained in accordance with the established program	

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Supervisor to review the results of condition monitoring activities and implement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Review the results of condition monitoring activities and implement the recommendations.	<input type="text"/>
Supervisor provide competent resources source replacement components ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor to provide competent resources to source replacement components.	<input type="text"/>
Operator/Maintainer to carry out maintenance, inspection and monitoring on rotating process equipment only if authorised by the Responsible Engineer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator to carry out maintenance, inspection and monitoring activities on rotating process equipment only if authorised by the Responsible Engineer.	<input type="text"/>
Operator/Maintainer comply with the defined criteria for component replacement based on condition or service life?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comply with the defined criteria for component replacement based on condition or service life.	<input type="text"/>
Operator/Maintainer to report the results of condition monitoring activities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator to report the results of condition monitoring activities.	<input type="text"/>