

# Asset Management Education & Training

<b>Course ref</b>	AM18
<b>Course title</b>	Reliability Centred Maintenance (RCM+)
<b>Duration</b>	3 days
<b>Class Size</b>	16
<b>Overview</b>	To train mixed discipline groups of personnel in the methods and techniques used in applying RCM. The training is to the level required to allow such personnel to undertake studies, provided that trained facilitators are available to supervise them.
<b>Objective</b>	<p>At the end of the course students will be able to:</p> <ul style="list-style-type: none"><li>• Understand a system level function diagram</li><li>• Understand the principles of criticality measurement</li><li>• Select critical systems and assets</li><li>• Prepare input-process-output (IPO) diagrams</li><li>• Participate in a failure modes and effects analysis team</li><li>• Participate in the appropriate preventive, predictive and failure finding task selection process using a RCM decision diagram</li><li>• Understand how to carry out condition inspections and report condition deterioration to avoid failures</li><li>• Understand the importance of testing protective devices (alarms and trip devices), emergency standby plant and generators in order to avoid costly systems' failures</li><li>• Package these tasks into PM inspection schedules and general inspection programmes</li><li>• Understand how to evaluate if these inspection programmes are working effectively</li><li>• Identify, understand and remove difficulties and cultural problems in implementing changes to outdated PM practices</li><li>• Understand the process of changing reactive to proactive maintenance</li></ul>
<b>Content</b>	<ul style="list-style-type: none"><li>• The course is structured to provide theory from lectures combined with practical application through case studies.</li><li>• Case studies can either be standard pre-prepared examples or specially developed from the participants working environment.</li><li>• Using internally generated case studies will provide a more immediate view of the process and will be more meaningful to students (preparation will considerably improve the effectiveness of the course)</li></ul>
<b>Benefit</b>	<p>All personnel involved in any aspect of asset management within the company including:</p> <ul style="list-style-type: none"><li>• Production personnel and management</li><li>• Maintenance managers and engineers, reliability engineers, planners and technicians</li><li>• Quality control</li><li>• Inspectors and inspection management</li><li>• Safety personnel</li><li>• Machine specialists</li><li>• Production engineers</li></ul>



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WOODHOUSE PARTNERSHIP

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**Audience** This course is applicable to team leaders, operators and maintainers.

**Pre-requisites** Although no pre-qualification is required, a degree-level or HND qualification is recommended.

**Cross references** See TWPL course AM10.