



Mechanical Maintenance

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COURSE CONTENT

Target Audience:

First line maintenance workers or single skilled electrical workers wishing to enhance their current skill base to include mechanical maintenance skills.

AIM

To provide practical skills and knowledge for those lacking formal training in these areas, or to enhance current skills by provision of maintenance elements.

PRE-REQUISITES

Engineering background or contact with mechanically operated equipment in their day to day duties

COURSE DURATION

Three weeks

OPTIMUM NUMBERS

Maximum 6 candidates per course.

TRAINING AIDS

OHP, Information hand-outs, course notes.

COURSE CONTENT:

- Engineering basics
- Forces
- Newton's laws of motion

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- Engineering units and standards
- Material properties and identification
- Health and Safety
- HASWA, PUWER, Manual Handling, PPE, COSHH, RIDDOR
- Machine Guarding
- Electrical Safety
- Practical/theory
- Hand Skills/bench Fitting techniques
- Speed/feed charts and tapping drill charts
- Use of drills and taps producing holes
- Drives (Chain, Belt, Gears)
- Measuring instruments
- Bearings (Fitting and application)
- Mechanical systems/function testing
- Basic fault finding techniques
- Half split and input output fault finding methods
- Use of adhesives

Dates available on request

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