

Overview

Multi-choice test that measures the conceptual knowledge of fluid and machine mechanics, thermodynamics, IC engines and manufacturing science.

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| Relevant Job Roles | Mechanical Engineer, Aerospace Engineer, Manufacturing Engineer, Industrial Engineering Technician, Manufacturing Production Technician |
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| Language | English (US) |
| Average Testing Time (minutes) | 07 minutes |
| Allowed Time (minutes) | 15 minutes |
| Maximum Number of Questions | 12 questions |
| Number of Sitzings | One |
| Test Type | Multiple Choice - IRT (1PL) |
| Sector | Engineering |
| Scores Reported | <ul style="list-style-type: none">• Overall Score• Fluid and Machine Mechanics• Manufacturing Science• Thermodynamics and IC Engines |
| O*NET Competency | Engineering and Technology |

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| Knowledge, Skills, Abilities And Competencies Measured | <div>The following areas are covered:</div> <ul style="list-style-type: none">• Fluid mechanics• Machine design• Strength of materials• Theory of machines• AD/CAM• Engineering materials• Heat transfer operations - refrigeration and air-conditioning• IC engines• Thermodynamics cycles and steam generators |
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