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**GD0H 23 SVQ 3 Process Engineering Maintenance (Mechanical) at SCQF level 7 - Structure**

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| To achieve the qualification candidates must complete 12 Units in total. This comprises:   * 8 Mandatory Units * 4 Optional Units |

Please note the table below shows the SSC identification codes listed alongside the corresponding SQA Unit codes. It is important that the SQA Unit codes are used in all your recording documentation and when your results are communicated to SQA.

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| **Mandatory Units: Candidates must complete 8 Units** | | | | |
| **SQA code** | **SSC code** | **Title** | **SCQF level** | **SCQF credits** |
| FP3J 04 | COGPEM26 | Hand Over Process Engineering Plant and Equipment | 6 | 5 |
| FP3K 04 | COGPEM27 | Reinstate the Work Area after Completing the Maintenance of Process Engineering Plant and Equipment | 6 | 5 |
| FP3L 04 | COGPEM280 | Minimise Risks to Life, Property and the Environment | 6 | 7 |
| FP3M 04 | COGPEM29 | Work Safely, Minimise Risk and Comply with Emergency Procedures | 6 | 6 |
| FP3P 04 | COGPEM30 | Contribute to Effective Working Relationships | 6 | 2 |
| FP6X 04 | COGPEM32 | Carry Out Planned Maintenance Procedures on Mechanical Plant and Equipment | 7 | 8 |
| FP6Y 04 | COGPEM33 | Deal with Variations and Defects in Mechanical Plant and Equipment | 7 | 6 |
| FP70 04 | COGPEM34 | Diagnose and Determine the Causes of Faults in Mechanical Plant and Equipment | 7 | 8 |

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| **Optional Units: Candidates must complete 2 Units from this group** | | | | |
| **SQA code** | **SSC code** | **Title** | **SCQF level** | **SCQF credits** |
| FP3R 04 | COGPEM31 | Prepare Work Areas for Engineering Activities | 6 | 7 |
| FP71 04 | COGPEM35 | Prepare Equipment in Support of Mechanical Engineering Activities | 6 | 5 |
| FP74 04 | COGPEM36 | Prepare Materials for the Maintenance of Mechanical Plant and Equipment | 6 | 4 |
| FP75 04 | COGPEM37 | Adjust Mechanical Plant and Equipment to Meet Operational Requirements | 7 | 6 |
| FP76 04 | COGPEM38 | Remove Components from Mechanical Plant and Equipment | 7 | 6 |
| FP77 04 | COGPEM39 | Replace Components in in Mechanical Plant and Equipment | 7 | 6 |
| FP78 04 | COGPEM40 | Determine the Feasibility of Repair of Components from Mechanical Plant and Equipment | 7 | 6 |

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| **Optional Units: Candidates must complete 2 Units from this group** | | | | |
| **SQA code** | **SSC code** | **Title** | **SCQF level** | **SCQF credits** |
| FP79 04 | COGPEM41 | Interpret Detailed Mechanical Information from Technical Sources | 7 | 4 |
| FP7A 04 | COGPEM42 | Read and Extract Information from Mechanical Engineering Drawings and Specifications | 7 | 6 |
| FP7C 04 | COGPEM43 | Identify and Suggest Improvements to Working Practices and Procedures whilst Maintaining Mechanical Plant and Equipment | 7 | 6 |
| FP7D 04 | COGPEM44 | Establish that a Mechanical Engineering Maintenance Process has been Completed to Specification | 7 | 6 |
| FP7E 04 | ECIMPSM13 | Test the Performance and Condition of Mechanical Plant and Equipment | 7 | 6 |
| FP7F 04 | COGPEM46 | Monitor the Performance and Condition of Mechanical Plant and Equipment | 7 | 7 |
| FP7G 04 | COGPEM47 | Assess the Performance and Condition of Mechanical Plant and Equipment | 7 | 7 |
| FP5P 04 | COGPEM48 | Inspect Mechanical Plant and Equipment | 7 | 6 |