

MAINTENANCE & OPERATIONS ENGINEERING TECHNICIAN APPRENTICESHIP PROGRAMME

UPSKILLING THE NATION
ONE APPRENTICE AT A TIME



www.developtraining.co.uk

0800 876 6708 | enquiries@developtraining.co.uk

MAINTENANCE & OPERATIONS ENGINEERING TECHNICIAN



NOTES:
* PEO – Performing Engineering Operations. ** End Point Assessment (EPA) is expected to be triggered by the end of Year 3 when the following criteria have been met:

- All Level 2 and Level 3 qualifications have been completed
- Apprentice has gained sufficient experience in the workplace
- Employer are confident in apprentice's ability to complete the EPA
- Allocated Develop trainer/s are confident in the apprentice's ability to complete the EPA
- Any English and maths L2 functional skills, required by the apprentices have been passed

LEVEL	STANDARDS/ FRAMEWORK	FUNDING BAND	MATHS/ENGLISH LEVEL REQUIRED	END POINT ASSESSMENT
3	Standards	£26,000	2	1. Knowledge Test 2. One-day Practical Observation 3. Two-Person Expert Technical 4. Interview

“The lecturer was incredibly enthusiastic, knowledgeable and a great communicator. He was friendly and made the topic interesting and his passion was passed on to all whom attended the course.”

MAINTENANCE & OPERATIONS ENGINEERING TECHNICIAN OCCUPATIONAL PROFILE

Maintenance & Operations Engineering Technicians maintain the safety, integrity and effective operation of plant and equipment in one or more of the following Industries that are part of or have activities that are part of the broader national infrastructure Engineering Sector: the electricity generating environment, which may use a range of different fuels including coal, gas, nuclear, wind and other renewable sources; telecommunications power plants; oil and gas refining; nuclear waste reprocessing; processing and production of chemicals; pharmaceuticals; human and animal food; cosmetics; petrochemicals; sewerage and the exploration and exploitation of oil and gas. There are seven main roles within the apprenticeship:

- ELECTRICAL TECHNICIANS
- MECHANICAL TECHNICIANS
- WIND TURBINE TECHNICIANS
- CONTROL & INSTRUMENTATION TECHNICIANS
- ELECTRICAL SYSTEM & PROCESS CONTROL TECHNICIANS

CORE REQUIREMENTS (ALL ROLES): KNOWLEDGE

- First principles relating to the operation and maintenance of appropriate plant and equipment.
- Relevant industry health and safety standards, regulations, and environmental and regulatory requirements.
- Maintenance and operational practices, processes and procedures covering a range of plant and equipment.
- The relevant engineering theories and principles relative to their occupation.

CORE REQUIREMENTS (ALL ROLES): SKILLS

- Compliance with health, safety & environmental standards and regulations
- Location and fixing of faults on plant and equipment
- Stakeholder communication
- Understanding & interpretation of information and work in compliance with technical specifications and supporting documentation
- Work area preparation
- Inspection & maintenance of plant & equipment
- Assessment & test of plant and equipment condition and performance
- Additional skills are required for each of the seven job roles listed above

For more information, refer to the full apprenticeship standard at www.gov.uk.

DURATION: Typically 36-42 months.

LINK TO PROFESSIONAL REGISTRATION

This standard will meet the professional standards of the Engineering Council for registration as Engineering Technician (Eng Tech) by an appropriate Professional Engineering Institution.

FURTHER INFORMATION

For further information about this apprenticeship programme visit:
www.developtraining.co.uk/training/apprenticeships
or www.instituteforapprenticeships.org



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