

ROYAL ENGINEERS “A TRADE FOR LIFE”

ME TRADESMAN and EOD & S - Entry Requirements: Maths D/3 English D/3 Other D/3 or equivalent



PLANT OPERATOR

Tasks: Operate and maintain earth moving and construction vehicles. Servicing and minor repairs to equipment, documentation and basic surveying.
Qualifications Gained: Level 2 in Plant Operations (Excavating Plant) - NVQ Technical Certificate - CPC cards.
Licences: Cat B, C, C+E, G and H.



BRICKLAYER & CONCRETOR

Tasks: Construction tasks, including brickwork, planning, setting out, scaffolding and concreting. Improving existing infrastructure and constructing new buildings from the foundations up.
Qualifications Gained: Level 2 & 3 Diploma in Bricklaying and Concreting - Level 2 in Construction Building - NVQ Technical Certificate.
Licences: Nil.



FABRICATOR & WELDER

Tasks: Capable of shaping metal by forging, bending and joining. Fabricate and repair low and medium-carbon steel components, plus welding, metal cutting, filing, grinding, drilling and threading.
Qualifications Gained: Level 2 in Fabrication and Welding - NVQ Technical Certificate - Level 3 NVQ in Fabrication and Welding Engineering (Manual Welding).
Licences: Nil.



CARPENTER & JOINER

Tasks: Manufacture, modify or repair parts of buildings that require timber products, using woodworking machinery and hand tools. Read design drawings and design timber structures.
Qualifications Gained: Level 2 & 3 Diploma in Carpentry & Joinery - C&G Level 2 Apprenticeship in Wood Occupations (Site Carpentry) - NVQ Technical Certificate.
Licences: Nil.



BUILDING & STRUCTURAL FINISHER

Tasks: Spray painter, sign maker, glazier, roofer, tiler, plasterer, dry-liner, floor finisher and painter. Tasks include preparing surface treatment for preservation, hygiene, decoration, identification and camouflage.
Qualifications Gained: Level 2&3 Diploma in Building & Structural Finishing. Edexcel Level 2 in Maintenance, a NVQ Technical Certificate.
Licences: Nil.



EOD & SEARCH

Tasks: Explosive Ordnance Disposal and Search specialists are trained to locate and safely dispose of a variety of explosive devices dropped from the air, found in the ground or sea. These include bombs, booby traps, shells, rockets and chemical warfare.
Qualifications Gained: Level 2 & 3 working in High Risk confined spaces (water) - C&G Level 3 in emergency rescue and recovery of casualties from confined spaces (water) - C&G
Licences: Nil.



GEOGRAPHIC TECHNICIAN

Tasks: Compile, prepare and manage geographic data from a variety of sources. Terrain analysis using cutting-edge technology to provide geographic support.
Qualifications Gained: Bachelor's Degree in Applied Computing and Field Science.
Licences: Cat B and C.

ME SUPPORT SPECIALISTS - Entry Requirements: No Minimum Level*



LOGISTICS SPECIALIST

Tasks: Obtain, control, maintain and issue resources for construction and combat engineering tasks (construction materials, chemicals, bridges, specialist tools).
Qualifications Gained: Level 2 in Warehouse and Storage - NVQ Technical Certificate.
Licences: Cat B, C, C+E and Forklift.
***Entry Requirements Maths D/3 English D/3 Other D/3 or equivalent**



C3S COMMUNICATIONS

Tasks: Establish and maintain essential radio communications in the field to ensure all elements can communicate using hi-tech communications equipment.
Qualifications Gained: Level 2 & 3 in Professional Competence for IT and Telecoms Professionals - NVQ Technical Certificate.
Licences: Cat B and C



DRIVER

Tasks: Drive and operate a variety of vehicles on and off-road, in all conditions, day and night. Transport resources and personnel to vital locations. You can specialise in crane, tank transporter, automotive bridging equipment and self-loading dump truck operation.
Qualifications Gained: Transportation of Hazardous Materials (HAZMAT).
Licences: Cat B, C and C+E.



ARMOURED ENGINEER

Tasks: Operate, repair and service large armoured vehicles designed to breach enemy obstacles by quickly laying bridges or ploughing through minefields. Vital to the battlegroup's mission success.
Qualifications Gained: Level 2 in Engineering Maintenance and Installation (Mechanical Maintenance) - NVQ Technical Certificate - Level 3 Certificate in Military Engineering (Armoured) Titan and Trojan crew supervision.
Licences: Cat B, C, C+E and H

ME SPECIALIST - Entry Requirements: Maths C/5 English C/4 Other C/4 or equivalent



CONSTRUCTION MATERIALS TECHNICIAN

Tasks: Provide critical design information on materials in use during construction tasks. Investigation and testing of materials such as soils, aggregates, concrete and bitumen.
Qualifications Gained: Level 3 & 5 Diploma in Construction Materials Technology.
Licences: Cat B and C.



SURVEYOR

Tasks: Complete land and hydro-graphic surveying to produce accurate survey plans of land and inshore waters as a basis for the design of roads and other structures.
Qualifications Gained: Level 3 & 5 Diploma in Engineering Survey (Military Engineering)
Licences: Cat B.



DESIGN DRAUGHTSMAN

Tasks: Design buildings, engineering structures and installations. Produce detailed and accurate plans.
Qualifications Gained: Level 3 & 5 Diploma for Construction Draughtsman (Military Engineering).
Licences: Cat B.



DESIGN DRAUGHTSMAN ELECTRICAL & MECHANICAL

Tasks: Design a wide range of systems including heating, water and electrical power. Produce detailed and accurate plans, allowing the tradesmen to complete projects.
Qualifications Gained: Level 3 in 2D CAD - Level 3 & 5 Diploma in Military Engineering.
Licences: Cat B.

ME TECHNICIAN - Entry Requirements: Maths C/5 English C/4 Other C/4 or equivalent



FITTER AIR CONDITIONING & REFRIDGERATION

Tasks: Install, operate and maintain a variety of industrial, commercial and domestic refrigeration and air conditioning equipment.
Qualifications Gained: Level 2 in F Gas and ODS regulations - Level 2 in Refrigeration and Air conditioning CPD pathways.
Licences: Cat B.



FITTER GENERAL

Tasks: Repair and service petrol and diesel engines, generators, pumps, hydraulic and transmission systems.
Qualifications Gained: Level 2 & 3 NVQ Diploma in Engineering Maintenance and Installation (Mechanical) - NVQ Technical Certificate.
Licences: Cat B, C and C+E.



ELECTRICIAN

Tasks: Electrical technology, electrical regulations and the principles of power generation, distribution and utilisation.
Qualifications Gained: Level 3 in the Requirements for Electrical Installations (18th Edition) - Level 3 & 4 in Electrotechnical Studies and Practice (Military Engineering) - Level 3 in Electrical Installations - Level 3 award in Initial and Periodic Inspection and Testing of Electrical Installations.
Licences: Cat B.



HEATING & PLUMBER

Tasks: Assemble, install, maintain and repair hot and cold water supply systems in natural and liquid petroleum gas supply systems, sanitation, drainage, waste disposal systems, central heating systems and roof drainage.
Qualifications Gained: Level 2 in Plumbing & Heating - NVQ Technical Certificate - Functional Skills.
Licences: Nil.

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