

Engineering Courses

Military Plant Foreman Course No: 410/104

Aim of Course	Outline of Syllabus	Remarks
---------------	---------------------	---------

To train Senior Non-Commissioned Officers for appointments as a Military Plant Foreman.

The student is given a thorough theoretical and practical knowledge in:

- Operating, servicing, maintaining, and repairing earthmoving construction plant
- Preparing bills of quantities for construction projects
- Carrying out site investigations, preparing specifications for highway works and technical design and works reports
- Designing surface, sub-surface drainage and dewatering
- The management of quarries including, environmental prediction, blast design specifications, locating, winning, developing and producing aggregate
- Planning and supervising the recovery of all plant and preparing machines for transport by road, rail, sea or air
- Preventing and investigating accidents
- Plan and manage the construction of rigid and flexible pavements including soil stabilisation
- Trained in soil mechanics, the theory of road, bridge, railway, tunnels and airfield design
- Being competent to manage a work-site including maintenance, storage, access, force protection, technical accommodation and resources
- Supervision of practical piling tasks.

Rank Range	Entry Standards	Duration	Qualifications gained	Frequency
Staff Sergeant, Sergeant or Corporal selected for promotion	IELTS level 7. Holder of a driving licence. Plant and construction experience in a supervisory capacity. Advanced Tradesman and completion of Plant Sergeants Course.	68 weeks	University of Greenwich Foundation Degree in Civil Engineering. EPIC Explosive Supervisor and Shotfirer. CITB Site Safety Supervisors Certificate.	1 course per year

Contacts	IDT(A)1	IDT(A)2	IDT(A)3	IDT(A)
	Tel: +44 1980 615629 email: idta1-ops@artd.mod.uk	Tel: +44 1980 615624 email: idta2-ops@artd.mod.uk	Tel: +44 1980 615685 email: idta3-ops@artd.mod.uk	Fax +44 1980 618079