

Core Professional Training (Vetting Criteria)

Building Services (Building) Discipline

Planning, Programme and Budgeting

1.1 Knowledge and experience in planning, programme and budgeting:

- (a) Ability in planning, programme and progress work with experience in progress monitoring and reporting.
- (b) Demonstrate ability in resources planning.
- (c) Good appreciation of the sources and availability of materials, plants and equipment, manpower, environmental considerations etc in running a project.
- (d) Experience in method statement production in various stages.
- (e) Experience in budgeting for a project and budget review

Materials and Workmanship

1.2 Experience in the following aspects:

- (a) Properties of materials for building construction and building services components.
- (b) Application of building materials and building services components.
- (c) Carrying out inspection on quality of workmanship.

Materials Standards and Specifications

1.3 Understanding of materials standards and specifications

- (a) Knowledge of the application and limitations of National and International Standards, Codes of Practice etc.
- (b) Experience in writing a specification and/or amending an existing specification for a particular item of work.

Installation Testing & Commissioning

1.4 Experience in installation testing and commissioning

- (a) Procedures.
- (b) Preparation.
- (c) Testing/setting to work.
- (d) Guarantees and defects.

Maintenance

1.5 Experience in maintenance and repair of buildings and building services installation

- (a) Planning and implementation of maintenance programmes for reliability and maintainability
- (b) Types of maintenance system.
- (c) Computer aided maintenance management.
- (d) Preventive maintenance
- (e) Emergency and major repair
- (f) Diagnostic techniques

Cost Estimate

1.6 Experience in estimate of project cost

- (a) Experience in costing by taking off quantities and building up cost estimates.
- (b) Appreciation of the use, performance and cost of equipment and/or plant.

Procurement, Tender and Contract Management

1.7 Knowledge in procurement, tender and contract management

- (a) Knowledge in various types and methods of procurement for building and building services works.
- (b) Know how all parties to a contract exercise their duties and responsibilities.
- (c) Experience in tender invitation to contract award and the subsequent post contract management.

Quality Standards and Assurance

1.8 Understanding of the application of quality assurance and international standards, particularly ISO.

- (a) Be familiar with quality assurance systems.
- (b) Know the principles of quality control to meet a specification.

Engineering Practice

1.9 Understanding of engineering practice in building technologies.

Safety

1.10 Knowledge and experience of safety :

- (a) Experience in having a critical approach to safety matters in the implementation process and in observance of safe work practices.
- (b) Knowledge in responsibilities relating to safety

- (c) Familiar with legislation relating to work safety.

Coordination and Communication

1.11 Experience in coordination and communication:

- (a) Demonstrate ability to coordinate with client and relevant parties.
- (b) Experience in coordinating the interface of building services installations and builder's works.
- (c) Demonstrate ability in effective communication and reporting.