

They must have a sound knowledge of both mechanical and electrical engineering and must have a general knowledge of all the following four branches, with a comprehensive knowledge of at least one of them:—

(a) The design and execution of schemes involving:—

(i) Internal wiring installations for electric lighting and power circuits, power supply and wiring for electric motors for miscellaneous machinery, power supply for rectifiers.

(ii) H.V. and L.V. overhead and underground transmission and distribution systems, substations and associated equipment including transformers and switchgear.

(b) The design and execution of schemes involving high pressure steam boilers; water pumping, storage and distribution; pumping and storage of petroleum products; water treatment and purification sewage pumping; air compressors; and I.C. engines.

(c) The design and execution of schemes for heating, using high pressure or low pressure hot water or steam; domestic hot and cold water supplies; refrigeration; ventilation; air conditioning; canteen equipment.

(d) The design and execution of schemes for the installation of generating plant and equipment for small electricity generating stations and their associated distribution systems and experience in their operation and maintenance.

#### Ministry of Works.

Candidates will be required to furnish evidence of their apprenticeship and subsequent experience which should have afforded a good general training in mechanical or electrical engineering, capable of subsequent development to cover a wide field of responsibility.

Some experience in one or more of the following branches will be essential:—

Design and execution of engineering installations for office buildings, factories or hospitals, including heating, ventilation, air conditioning, electric wiring, illumination and lifts.

Design and installation of mechanical plant such as steam boilers, pressure vessels, pumps, water treatment, refrigeration, chemical processes, air compressors and air, hydraulic or steam pipelines, I.C. engines.

Design and installation of electrical plant such as transformers, switchgear, H.T. and L.T. overhead and underground distribution, D.C. and A.C. motors and generators and rectifiers.

Management of operation and maintenance of engineering plant in large office buildings, factories or institutions.

#### (B) The Departmental Variants.

##### (a) Ministry of Civil Aviation.

Candidates must:—

(i) be Corporate Members of the Institution of Electrical Engineers, or be Associate Fellows of the Royal Aeronautical Society; or

(ii) have passed Sections A and B of the Associate Membership Examination of the Institution of Electrical Engineers, or hold an educational qualification recognised by that Institution as giving exemption from examination in those Sections; but candidates admitted under this subsection cannot be confirmed in their appointment unless they obtain the qualification in sub-section (i) above within their probation period. (Exception may be made in special circumstances provided for in Regulation 4A (i)); or

(iii) hold a first or second class Honours degree in Physics or Engineering

provided that the Commissioners may at their discretion admit, exceptionally, candidates who furnish evidence of high professional attainment.

In addition all candidates must produce evidence that both the examination subjects included in their qualifications and their practical experience justify their employment on civil aviation telecommunications duties.

##### (b) Post Office.

Candidates must normally possess an Honours degree in Mechanical or Electrical Engineering or Physics, but exceptionally the Commissioners may accept any other candidate qualified under Regulation 4A (i).

##### (c) Ministry of Supply.

The paper qualifications required are the same as for the General Service competition (see Regulation 4A (i) (a), (b) and (c)), except that Associate Fellowship of the Royal Aeronautical Society will be accepted as an alternative to Corporate Membership of one of the Institutions named in Regulation 4A (i) (a), and, similarly, equivalent qualification to Sections A and B of the Society's examination for Associate Fellowship will be accepted as an alternative to the qualifications in Regulation 4A (i) (b). In addition, candidates must have received a full and proper training as an engineer and will be required to state on their application forms the nature of any particular engineering experience they have gained. Training must normally include an engineering apprenticeship or pupilage including a minimum period of two years in the workshops of an establishment of good standing, but full apprenticeship will not be insisted upon where a candidate already holds corporate membership of one of the approved Institutions or Associate Fellowship of the Royal Aeronautical Society.

##### 5. Health and Character.

Successful candidates must satisfy the Commissioners as to their health and character.

##### 6. Application.

Only one application may be made under these Regulations. Application must be made on the appropriate form within the time and in the manner of which notice is given by the Commissioners.

##### 7. Competition.

Those candidates who on the evidence of their application forms, and any further information which the Commissioners think necessary to obtain, are found to be *prima facie* eligible, will be summoned to a Selection Board. The Commissioners may, if they see fit, summon only those candidates who by reason of their experience and qualifications appear to be most suitable for appointment. The same Selection Board may consider a candidate at one interview for one or more of the classes. The Selection Boards will take into consideration the candidate's record of experience and training, any recommendation from persons named by the candidates as having direct knowledge of their work in the past, and the personal qualities of the candidates as shown at the interview; and on their estimate of all the above facts they will frame their recommendations. The decisions of the Commissioners will be final and will be announced separately for the separate competitions.

##### 8. Candidates trained as teachers.

Persons upon whose training for the occupation of teacher public money has been spent cannot be appointed until the consent of the appropriate education authority (e.g., the Ministry of Education, the Scottish Education Department, the Ministry of Education for Northern Ireland) has been notified to the Commissioners.

##### 9. Assignment.

The Commissioners will decide to which Department each successful candidate is to be assigned. Assignment will be made in accordance with the needs of the public service but the wishes of candidates will, where possible, be respected.

##### 10. Canvassing.

Any attempt on the part of candidates to enlist support for their application through Members of Parliament or other influential persons, except as referees to be named in their application forms, will disqualify them for appointment.

##### 11. Fee.

A successful candidate will be required to pay a fee of £4 before the issue of a Certificate of Qualification for appointment.

#### PUBLIC HEALTH ACT, 1936.

##### ACQUISITION OF LAND (AUTHORISATION PROCEDURE) ACT, 1946.

##### Statutory Orders (Special Procedure) Act, 1945.

##### Thurrock Urban District Council.

Notice is hereby given in pursuance of subsection (1) of section 2 of the Statutory Orders (Special Procedure) Act, 1945, that it is the intention of the Minister of Housing and Local Government to lay before Parliament the Thurrock Urban District Council (West Tilbury Commons) Compulsory Pur-