

## Criteria for Category B Qualifications

1.0 The qualification must be one that is normally awarded after completion of an approved course of study and satisfaction of a formal assessment procedure.

### 2.0 Courses

#### 2.1 Entry standard

Candidates, on entry, should normally have studied chemistry to within one year of Baccalaureate/University Entrance standard together with Physics and Mathematics as supporting subjects/ (but see 2.2 below).

#### 2.2 Duration

The course should extend over at least two years full-time or sandwich, or three years part-time beyond the entry level specified in 2.1. It would be assumed that sandwich and part-time students would be gaining relevant experience alongside their students.

#### 2.3 Course Content

The study of theoretical chemistry with related practical work, which may include relevant laboratory practice and techniques, should occupy not less than 75% of the time specified in 2.2. The minimum standard to be achieved in chemistry should approximate to that normally reached by a university undergraduate at the end of the first full year of studies in chemistry.

### 3.0 Job Specification

The qualification should be such that, in his own member state, the holder would be expected to be capable of the level of responsibility attached to the kinds of function indicated below, after a suitable induction period:

- 3.1 Assisting a fully qualified (Category A) chemist in the study of complex problems, providing technical support in identifying, acquiring and setting out the materials and facilities required for a particular purpose.
- 3.2 Identifying, investigating and, where necessary, adapting existing methods and techniques for carrying out specified preparations or analyses without supervision.
- 3.3 Investigating and reporting on matters not involving original research, conducting literature surveys, editing of scientific and technical papers for publication etc.
- 3.4 Developments to pilot-scale and/or production level.
- 3.5 Control of specific areas of production, including supervision of other technical.
- 3.6 Works Chemist/Quality Controller in a medium sized science-based, or larger non-science undertaking, involving routine chemical activities and operations.