

# EXAMINATION REQUIREMENTS: PAINTING INSPECTORS (9.1)

## 9.1 There are three grades of painting inspector, and three of Painting Site Operative

### 9.1.1 Grade 3 Painting Inspector

#### Theory

Candidates shall be questioned on the general principles of corrosion and the conditions that cause it to occur and therefore the mechanisms by which paint and/or coating systems prevent corrosion.

#### Practical

Measurement of environmental conditions, surface profile and cleanliness, paint film thickness, and discussion paint systems and faults.

### 9.1.2 Grade 2 Painting Inspector

The Grade 2 approved inspector requires the same breadth of knowledge as Grade 3; however, a greater theoretical and practical understanding is required including paint technology & manufacture.

A comprehensive knowledge of paint inspection as detailed in Table 2.

### 9.1.3 Grade 1 Painting Inspector

The Grade 1 approval is related to offshore painting and systems. The Grade 1 inspector is likely to be working in difficult conditions and without advice being readily available. A candidate must therefore demonstrate a comprehensive knowledge of systems and procedures used both onshore and offshore and of the current Transco specifications. In view of the above, it is expected that successful candidates would have had at least one year's prior experience in industrial painting inspection, preferably offshore.

### 9.1.4 Grade 4 Painting Supervisor

The Painting Supervisor will need to have a good working knowledge of current H.S.E, and QA/QC legislation.

They should be aware of, and be able to correctly interpret, current painting and coating specification requirements.

They should demonstrate an ability to oversee the correct mixing of two pack paint products, the correct assembly and use of equipment and the correct application and inspection of paint systems.

They should further demonstrate good management, administration and organisational skills, as well as a sound knowledge of good working practices.

Environmental considerations.

### **9.1.5 Grade 5A Blast Cleaning / Preparation Operative**

The Blast cleaning / Preparation Operative shall demonstrate knowledge of, and be able to work to, current Safety rules and H.S.E Legislation.

They should be able to recognise and subsequently remove the various types of surface contamination.

Their knowledge of blast cleaning, wire brushing and rust grading to relevant standards and specification will enable them to provide surface profiles to requirements. They will be able to safely set up and dismantle all associated equipment.

They shall demonstrate safe handling and movement of materials being prepared for painting or coating, and a sound knowledge of good housekeeping practices.

Environmental considerations

### **9.1.6 Grade 5B Painting Operative**

The Painting Operative shall demonstrate a knowledge of and ability to work to current Safety rules and H.S.E Legislation.

They should be able to interpret protective painting and coating systems to Specification Requirements.

Their detailed product knowledge will enable them to correctly mix and apply different one or two coat paint/coating systems to the required specifications.

They should be able to assemble, check, use and safely wash out the various types of equipment used for paint/coating application.

They should be able to recognise and eradicate common paint faults; and observe good housekeeping practices at all times.

Environmental considerations.