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ARAB ENGINEERING BUREAU

1 GENERAL

1.1 GENERAL INTRODUCTION

1.1.1 Scope

- 1 This Section specifies the requirements for the following:
 - (a) preparation, painting or finishing of exterior and interior surfaces exposed to view
 - (b) wall covering requirements and installation of fabrics, vinyl, decorative papers and other such decorative wall coverings
 - (c) it does not include factory applied finishes and the painting of metal surfaces of mechanical and electrical installations unless otherwise required by Project Documentation.
- 2 If the technology or material or specification are not mentioned in this section, modifications are permitted and shall be subjected to approval as mentioned in the introduction of QCS (00-02)
- 3 The purpose of QCS is to provide as a general technical guide for acceptable construction work practices in the State of Qatar, considering this; any addition for technology, material, specification, standard that are not mentioned in this section or their modification, shall be subject to approval as stated in the introduction of QCS (00-02)
- 4 Related Sections are as follows:

Section 8	Metalwork
Section 18	Carpentry, Joinery, and Ironmongery
Section 24	Finishes to Buildings
Section 27	External Works to Buildings

1.1.2 References

- 1 The following standards are referred to in this Section:

BS 245.....	Specification for mineral solvents (white spirit and related hydrocarbon solvents) for paints and other purposes
BS 1336.....	Specification for knotting
BS 4652.....	Metallic zinc-rich priming paint (organic media)
BS 4756.....	Ready-mixed aluminium priming paints for woodwork
BS 5082.....	Specification for Water-Borne Priming Paints for Woodwork
BS 5358.....	Specification for Solvent-Borne Priming Paints for Woodwork
- 2 Other standards would be adopted national standards, or international standard for eco-friendly (green sustainable) paints as per engineer approval.

1.2 SUBMITTALS AND SAMPLES

1.2.1 Samples

- 1 Sample panels are to be prepared for each type and colour of coating material to be used in the Works and shall be submitted to the Engineer for approval. As a minimum, the following sample panels shall be submitted:
 - 2 Paint Colours: 300 x 300 mm samples labelled to indicate finish, formula, colour name and/or, number, sheen and gloss units of approved colours for:
 - (a) each specified colour in each specified finish coat material.

- (b) each standard wood finish on specified wood species.
- 3 Other Materials: 500 x 500 mm (minimum) samples of each paper/fabric material minimum size showing at least the pattern repeat where applicable.

1.2.2 List of Materials

- 1 Before ordering materials, the Contractor is to submit a list of those materials proposed for use on the Project for the Engineer's approval.

1.3 DELIVERY, STORAGE, HANDLING AND PRODUCT MARKING

1.3.1 Marking of Containers

- 1 Materials to be delivered in sealed containers shall be clearly labelled with the following information:
- (a) manufacturer's name, initials or recognised trade mark
 - (b) title and specification number
 - (c) whether the material is primer, undercoat or finishing coat
 - (d) whether the material is for internal or external use, where appropriate
 - (e) colour reference from BS 4800
 - (f) method of application
 - (g) batch number and date of manufacture or re-test.

2 No paint is to be used more than 18 months after manufacture or re-test.

3 Coating materials other than spray paints, bituminous paints and textured masonry paints are to be in containers not exceeding 5 litres capacity.

1.3.2 Marking of Papers/Fabrics

- 1 Papers/fabrics are to be clearly marked with batch and shade numbers as appropriate.

END OF PART