

## Approval & Reception Procedure

DMC – Departamento de Materiais de Construção	
<b>Hot-dip Galvanized Articles</b>	Document No. <b>ARP/DMC/02</b>
	Date : <b>2010-07-01</b>
	Page No. <b>1 of 2</b>

### 1. Reference Standard

The reference standard is BS 729 and ISO 1461.

### 2. Approval Procedure

#### 2.1 Information to be submitted:

- Technical catalogue of the galvanization factory.
- Organization chart.
- Dimension of galvanized bath tank.
- Galvanizing process.
- Quality assurance manual for each galvanized process.
- Source and quality of zinc.
- Testing plan and testing procedure.
- Quality certificate of compliance in accordance with the requirements in the reference standard.

### 3. Inspection of factory

An inspection visit to the factory shall be made before galvanization, to verify production conditions, quality procedures and preparation of the articles, and also to establish procedures for identification of lots and testing.

### 4. Reception Procedure

#### Submission of documents

Manufacturer's certificate of source, quality and quantity should be submitted.

### 5. Inspection of lot

One thickness test shall be made per 20 tons of material, or per each delivery, whichever is less.

One test of uniformity of coating shall be made per 100 tons, or per delivery, whichever is less.

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	Page No. <b>2 of 2</b>

### 6. Acceptance Criteria

The tests results shall conform to the coating thickness requirements in Table 2 of ISO 1461 *or* to the project requirement, whichever is greater.

The uniformity results shall conform to BS 729.

In case of non-compliance, two more tests should be done on the lot. The lot will be accepted if all tests pass and rejected if any one fails.