

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document Title:	Certification for Hot Dipped Galvanized Coatings on Fabricated Iron and Steel as per BS EN ISO 1461: 2009	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP32-5115 (IC)	رقم الوثيقة:	

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Approved by CQPSM	Authorized by CQPSM
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Issue Date	Rev. No.	Summary Of Amendments
13-03-2016	0	First draft for comments
04-04-2016	1	Issue for use
11-04-2019	2	Updated format as per new DM template and logo
12-05-2022	3	Format updated with Dubai font. Other updates as highlighted. Alignment with the latest numbering and terminology system in DCLD.
07-10-2022	4	Changing section name as per the new organizational structure, and replace HOU by CQPSM (Section's Manager)
18-04-2023	5	Full re-structuring and transfer of common provisions to the general rule. Clauses are re-numbered and re-arrange, document title has been revised accordingly. Removing of Annex. Additional minor changes (highlighted). Use of New DM Logo

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1. INTRODUCTION AND SCOPE

- 1.1 This document prescribes the specific rule for certification of the product(s) as identified herein, in accordance with the requirements of DM Third Party Product Certification Scheme Through Type 1 , taking into consideration the applicable normative references and standard specification, in addition to the requirements for conformity evaluation, as stated below.
- 1.2 The applicant shall comply with these specific rules, and with those already mentioned in the “**General Rules for Type1 Product Certification Scheme**” (DM-DCLD-RD-DP32-5001(IC)).

2. PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

- 2.1 Product name: Hot Dip Galvanized Coatings
- 2.2 Applicable standard/Normative reference: BS EN ISO 1461: 2009 Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods

3. DEFINITION OF TERMS

The definitions given in DM-DCLD-RD-DP32-5001 shall apply.

4. GENERAL REQUIREMENTS FOR CERTIFICATION

- 4.1 The process of application of applicant/client, product sampling, fees and condition for issuance of the Type 1 certificate of conformity shall be in line with the related provisions in the general rule and the standard specifications.

4.2 Sampling and Testing

- 4.2.1 For detailed sampling procedure - Refer to related provisions in the general rules of the scheme.

- 4.2.2 Based on the defined batch and the tests to be carried out as per clause [4.2.4], a “Sampling and testing plan” shall be prepared that will give details of the number of samples and the tests to be carried out on each selected sample. The preparation of the plan shall be in accordance with the SS clause [5] “Acceptance inspection and sampling” and SS Table 1. The applicant for certification shall agree to the sampling and testing plan.

- 4.2.3 Number of tests to be carried out on the sample: Based on the sample selected, the number of Reference Area(s) to be tested shall be decided in accordance with the SS clause [6.2.3] and SS Table 2 (refer to Annex A.1). The coating thickness in each reference area shall be tested.

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4.2.4 Tests to be carried out on each sample as per below table (The test shall be carried out at an independent laboratory, preferably at DCLD):

S/N	Properties to be Determined	Test Method	Requirements (Pass/Fail Criteria) as per the SS
1	Thickness of coating (magnetic)	BS EN ISO 1461 and ISO 2178	As per Table 3 or 4 of the SS (whichever is applicable) Refer to Annex A.2
2	Thickness of coating (gravimetric) Applicable only in case of retest or when requested by client)	BS EN ISO 1460	As per Table 3 or 4 of the SS (whichever is applicable) Refer to Annex A.2

5. ISSUANCE OF TYPE 1 CERTIFICATE OF CONFORMITY

5.1 The COC shall be issued based on the related provisions in the general rules.

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