Issue Date	Rev. No.	Summary Of Amendments
23/02/2017	0	First draft for comments
13/05/2017	0	Final draft
18/05/2017	1	Issue for use
26/03/2019	2	Updated format as per new DM template and new DM logo

1. GENERAL

1.1 INTRODUCTION

1.1.1 This document prescribes the specific rules for the implementation of the DM Third Party Product Certification System Through Factory Assessment as applied to the specific product(s) identified herein, taking into consideration the applicable normative references and standard specifications.

1.1.2 The applicant shall comply with these specific rules, and to those already mentioned in the "General Rules for DM Third Party Product Certification System Through Factory Assessment DM-DCLD-RD-DP21-2001 (IC).

1.2 SCOPE

This specific rule specifies requirements for the types, physical properties and dimensions of gypsum plasterboards.

1.3 PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

1.3.1 Product name: Gypsum boards

1.3.2 Applicable standard/Normative reference: ASTM C1396/C1396M – 14a Standard Specification for Gypsum Boards

1.3.3 Additional reference:

ISO 9001:2015 Quality Management System – Requirements
ISO 19011:2018 Guidelines for Quality and Environmental Management System Auditing

1.4 DEFINITION OF TERMS

The definitions given in ASTM C11, ASTM C1396, RD-DP21-2001 (IC) and in addition, the following shall apply:

1.4.1 Independent Testing Laboratory - Dubai Central Laboratory (DCL) or any testing laboratory recognized by the DM Certification Body.

1.4.2 Independent Test – test performed or conducted by an Independent Testing Laboratory

1.4.3 Standard Specification – BS ASTM C1396/C1396M – Standard Specification for Gypsum Boards

1.4.4 Product Quality Assurance Plan – a document being agreed upon both by the Client and the certification body being used to ensure continuous compliance of the certified product.

1.4.5 QMS – Quality Management System aligned with the requirements of ISO 9001 Standard

2. REQUIREMENTS FOR CERTIFICATION

2.1 APPLICATION

2.1.1 Manufacturer of gypsum plasterboards shall apply to Dubai Central Laboratory Department through Products Conformity Assessment Section for the DCL Conformity Mark.

2.1.2 Application forms shall be filled-up by the applicant-company together with the following documents

2.1.2.1 Trade License
2.1.2.2 Complete Product Description and Specifications
2.1.2.3 Brief Description of Manufacturing Process
2.1.2.4 Copy of the Quality Manual (Controlled Copy)
2.1.2.5 Vicinity Map and Factory Layout
2.1.2.6 Valid Certification to ISO 9001 (if available)
2.1.2.7 List of key personnel and their designation

2.1.3 Separate application shall be submitted for each product type or group of products that refers to a different specific rules.

2.2 FACTORY OPERATION

2.2.1 Quality Management System

Manufacturer of gypsum plasterboards shall have a Quality Management System that is aligned to the requirements of ISO 9001 standard. NOTE: Certification to ISO 9001 is not a mandatory requirement.

2.2.2 Laboratory

Manufacturer of gypsum plasterboards shall have a quality assurance laboratory to carry out factory production control testing to ensure that the gypsum plasterboards comply with the requirements of the standard specification.

The laboratory can be part of the factory facilities, or, can be through a documented agreement with an accredited external laboratory. As a minimum requirement, the laboratory shall have the following testing equipment:

a. Weighing Scale
b. Dimensional measuring instrument
c. Trueness & Squareness measuring equipment

2.3 INITIAL FACTORY AUDIT

2.3.1 DCL duly authorized representative shall conduct an audit of the factory quality management system to verify its compliance with the requirements of ISO 9001.

NOTE: An independent certification to ISO 9001 issued by a QMS certification body recognized by DM may be considered as having satisfied this requirement; however, the DM Certification Body reserves the right to carry out verification audit to confirm that the factory is in compliance with the QMS requirements.

2.3.2 Verification audit shall be conducted by designated audit team based on ISO 19011 – Guidelines for Quality and Environment Management System Auditing

2.4 PRODUCT EVALUATION

2.4.1 Sampling

2.4.1.1 Sampling and inspection shall be carried out in accordance with the requirements of the ASTM C1264 as referred in the Standard Specification. Size shall be determined and a random sample shall be taken either in the factory or warehouse.

2.4.1.2 Three sets of sample per product per type shall be subjected to testing; the first set, if applicable, will be tested in the plant witnessed by a duly authorized DCL representative, the second set will be sent to Independent Testing Laboratory. The third set will be kept by the manufacturer as reference for future use.

2.4.1 Test sample(s) for independent test shall be packed/sealed and signed in the presence of DCL representative and shall be submitted to an Independent Testing Laboratory by the DCL representative.

2.4.2 Product Evaluation

2.4.2.1 The tests to be carried out shall be in accordance to the requirements of the Standard Specification as follows, when applicable according to the required type and intended use;

2.4.2.1.1 Determination of flame spread index as per ASTM E84
2.4.2.1.2 Determination of physical properties and dimensions as per ASTM C473
2.4.2.1.3 Determination of volatile sulfur compounds as per ASTM C471M
2.4.2.1.4 Determination of water vapour as per ASTM E96M
2.4.2.1.5 Determination of finish and appearance as per ASTM C840

2.4.2.2 The results of testing must meet the requirements as per the standard specification for the required type.

2.4.2.3 Independent test shall only be conducted if the result of the in-plant test shows satisfactory results.

2.4.2.4 If the result of the test conducted by the independent testing laboratory shows non-conformance to the specified requirements, the provision for rejection specified in the standard shall apply. The retest shall be carried out on the reference sample kept by the manufacturer or on new samples collected by DM Certification Body, on which full testing shall be carried out ,if necessary.

2.4.2.5 If the re-test passed, the initial product assessment is considered conforming to product specification. If not, the manufacturer will be advised to take corrective action.

2.4.2.6 Only after reassessment and subsequent product compliance shall the manufacturer be allowed to use DCL Conformity Mark on his product.

3. GRANTING OF THE DCL CERTIFICATION

3.1 CONDITIONS FOR GRANTING THE DCL CERTIFICATION

3.1.1 When the results of the factory and product assessments show conformity to the requirements specified in the general rule and specific rule, the certification and authorization to use the DCL Conformity Mark shall be issued to the manufacturer for the type(s)/model(s)/brand(s) of the product tested.

3.1.2 The factory shall agree with the DM Certification Body for the preparation and implementation of a product quality assurance plan to ensure continuing compliance with the Standard Specifications and the requirements of this certification scheme. The plan shall consist of (1) an internal product quality assurance, and (2) an independent testing plan

3.1.3 Internal product quality assurance plan

The factory shall prepare and submit to DM Certification Body for approval of an internal product quality assurance plan giving details of the tests to be carried out at the factory. This will include as a minimum, the following details: (1) location of sampling; (2) frequency of sampling; (3) quantities of samples; (4) tests to be carried out; (5) results acceptance criteria; and (6) responsible person to carry out the activity

The plan shall take into consideration the production process, the volume of production, the criticality of the test to be specified, and other relevant factors

3.1.4 Independent testing plan

The factory shall agree to an independent testing plan to be carried out on samples which are collected in accordance with DM-DCLD-RD-DP21-2096 (IC) – Surveillance of Certified Establishments under the Factory Assessment Scheme, and implemented by the DM Certification Body.

3.2 ISSUANCE OF DCL CERTIFICATE OF CONFORMITY

If the conditions mentioned in clause 3.1 above have been complied, the manufacturer shall be issued a DCL Certificate of Conformity and a Scope of Certification that covers the type(s) and size of the products that are certified.

3.3 RESPONSIBILITIES OF THE CLIENT

3.3.1 The client shall ensure that his product, for which a certification has been issued, conforms at all times to the requirements of the General Rule and Specific Rules and shall maintain to the satisfaction of DCL, a system of quality control including inspection and testing.

3.3.2 The client shall give the duly authorized representative(s) of DCL, access during working hours, without prior notification, to the premises of the factory where certified product is manufactured, for the purpose of evaluating the materials, production processes, finished products, quality assurance facilities, records and others in accordance with the requirements of the scheme.

3.3.3 The client shall inform the DM Certification Body in writing of any change of management, transfer of plant site, modification in the product, manufacturing process or factory's quality

management system.

3.3.4 Upon transfer of plant site, the certification shall be deemed valid only after factory and product audit at the new site has been satisfactorily completed.

3.3.5 Any infraction stated in the terms and conditions of the certification scheme and the use of DCL Conformity Mark shall constitute sufficient grounds for suspension, withdrawal and cancellation of the certification against the client.

3.3.6 Any dispute that may arise in connection with the Terms and Conditions of the DCL Mark shall be settled in accordance with DM-DCLD-IMS-RD-08 Appeals, Disputes, and Complaints Procedure.

3.3.7 The client shall pay all applicable fees related to the certification process.

3.4 USE OF THE DCL CONFORMITY MARK

3.4.1 The design and use of the DCL Conformity Mark shall be in accordance with the Terms and Conditions for the Use of the DCL Conformity Mark, DM-DCLD-IMS-RD-13

3.4.2 The client shall submit a product-marking proposal for approval by the DM Certification Body. The proposal shall include drawings and/or diagrams showing the location and size of the marking for each size of the product/product container.

3.4.3 The authorization to use the DCL Conformity Mark is non-transferable.

4. SURVEILLANCE

4.1 DM Certification Body shall carry out periodic surveillance to ensure consistent compliance with the requirements of this certification scheme as per DM-DCLD-RD-DP21-2096 (IC) – Surveillance of Certified Establishments under the Factory Assessment Scheme.

4.2 The surveillance shall be in accordance with the Independent Testing Plan (clause 3.1.4) that has been agreed between the DCLD and the factory.

5. FEE SCHEDULE

5.1 The client shall pay the applicable fees and charges related to the granting of the certification and authorization to use the DCL Conformity Mark based on the applicable DCL Official Fee Structure, DM-DCLD-RD-DP21-2074 (IC).

5.2 The fees for this certification scheme shall include but not limited to the following

5.2.1 Application Fee
5.2.2 Initial Assessment Fee
5.2.3 Marking Fee
5.2.4 Surveillance Fee
5.2.5 Annual Renewal Fee
5.2.6 Testing Fee