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Issue Date	Rev. No.	Summary Of Amendments
06-08-2009	0	First draft for comments
23-02-2010	0	Second draft for comments
24-02-2010	0	Final draft (TC Meeting 2010-02)
03-03-2010	1	Issue for use
05-04-2010	2	Revised to align with the amended DMS, and the guidelines for the factory production control system.
28/06/2010	3	Amended the reference document for the fee structure of block factories in section 5.1
16/02/2011	4	Inclusion of the types of masonry blocks samples n in section 2.4.1
18/08/2011	5	Distribution of tests for the different types of masonry block samples in section 2.4.2
12/03/2019	6	Reviewed with the requirements of the current version of the standard (2011) and found to be still suitable
16/07/2020	7	Updated format as per new DM template and new DM logo Add the options for initial audit by the approved CAB and remotely by PCAS. Adding definition for authorized auditor. Reviewed with the requirements of the current version of the standard (2020). Include the durability and visual aspects and some other minor additions. Update for the new numbering system and followed terminologies.
26-09-2021	8	Removal of the documents in clause 2.1.2, in addition to further amendment in the provision for accepting valid test reports (clause 2.4.1.4), in line with DM 30% reduction of requirements (both service and specialized). Modifications in the auditing part for the factories already certified against ISO 9001 to opt for auditing only the areas of production and monitoring stages of product realization, quality control and final product testing and evaluation.
04-10-2022	9	Changing section name as per the new organizational structure, and replace HOU by CQPSM (Section's Manager), also adding surveillance in the clause 2.4.1.4
27-03-2023	10	Full re-structuring and transfer of common provisions to the general rule. Clauses are re-numbered and document title has been revised accordingly. Use of New DM Logo

1. INTRODUCTION

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 Factory Assessment, 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/client shall comply with this specific rule, and to all provisions under the **"General Rule for DM Third Party Product Certification Scheme Through Factory Assessment"DM-DCLD-RD-DP21-2001 (IC)**.

1.3 This specific rule **is an integral part of the general rule** and both shall always be read together.

2 SCOPE

2.1 This Specific Rules covers the requirements for the certification of precast normal weight and lightweight concrete masonry blocks that will be used in the Emirate of Dubai.

2.2 The types of masonry block samples are classified into;

1. Hollow/Cellular (Normal Weight) Masonry Block
2. Hollow/Cellular (Light Weight) Masonry Block
3. Solid (Normal Weight) Masonry Block
4. Solid (Light Weight) Masonry Block

2.3 This specific rule does not -by itself- permit the use of the below product in the construction sites. However, it does provide the necessary general conformity assessment criteria, which are required for the evaluation and issuance of the certification and the authorization of the use of the DCLD Conformity Mark. Other relevant requirements issued by the regulatory bodies if any; shall always be fulfilled.

3 PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

3.1 Product name: Precast Concrete Masonry Blocks

3.2 Applicable standard/Normative reference: DMS 1: Part 1: 2020 Specification for precast concrete blocks Part 1: Masonry Blocks

3.3 Additional reference:

ISO 9001 Quality Management System – Requirements

ISO 19011 Guidelines for Auditing Management Systems

4 DEFINITION OF TERMS

4.1 In addition to the definitions given in DMS 1: Part 1 and the General Rule of the scheme [DM-DCLD-RD-DP21-2001 (IC)], the following shall apply:-

4.1.1 Standard Specification – DMS 1: Part 1: 2020 Specification for precast concrete blocks Part 1: Masonry Block.

5 REQUIREMENTS FOR INITIAL CERTIFICATION

5.1 The process of application, initial assessment and product sampling shall be in line with the related provisions in the general rule and the standard specifications.

5.2 The factory shall have a laboratory with the following testing equipment as a minimum:

a. Compressive testing machine

b. Dimensional measuring instruments

5.3 Factory Production Control System (Internal Product Quality Assurance Plan)

The factory shall have an internal product quality assurance plan giving details of the tests to be carried out at the factory, which shall conform to DM-DCLD-RD-DP21-2090 (IC).

5.4 Product Evaluation and testing

5.4.1 Samples collected as per Clause 8 of the Standard Specification shall be subjected to in plant and independent test for the following properties:

- For all types of masonry blocks samples [in-plant (mandatory) + independent]

  5.4.1.1 Dimensional tolerance

  5.4.1.2 Compressive strength / durability aspect

  5.4.1.3 Shape / visual aspect (appearance /special texture, if described)

- For all types of Hollow/Cellular Masonry Blocks samples [in-plant (mandatory) + independent]

  5.4.1.4 External shell and web thickness

- For any type of normal and light masonry block sample regardless of whether it is solid or hollow [in-plant (optional) + independent]

  5.4.1.5 Chloride and Sulphate content

  5.4.1.6 Drying Shrinkage

  5.4.1.7 Thermal conductivity, (if declared)

  5.4.1.8 Net Density

5.4.2 If the factory is outsourcing the routine tests to an accredited laboratory, in-plant tests may be waived, provided that records of routine tests are available and in-line with the frequency of testing as per DM-DCLD-RD-DP21-2090 (IC).

5.4.3 Durability and visual aspects shall be met as per clause 6 and 7 of the standard specification respectively.

5.4.4 The results of testing must meet the requirements as per the standard specification.

6 GRANTING OF THE DCLD CERTIFICATION

6.1 The DCLD product conformity certificate and the authorization to use the DCLD conformity mark shall be granted upon conformance with all related provisions in the general rule.

6.2 Fees shall be as per DM-DCLD-RD-DP21-2089 (IC) and other relevant provisions in the general rule.

6.3 DCLD-CQPS shall carry out surveillance of certified clients based on the approved periodic plans and related provisions in the general rule.

6.4 Appeals, disputes and complaints shall be in line with the relevant provisions in the General Rule.