

 حكومة دبي GOVERNMENT OF DUBAI	Organization/Unit: إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document Title: Certification of Ready Mixed Concrete Plants and Trucks as per TG 02 - 2024	عنوان الوثيقة:	
	Doc Ref. DM-DCLD-RD-DP21-2177 (IC)	رقم الوثيقة:	

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Issue Date	Rev. No.	Summary Of Amendments
29/05/2011	0	First draft for comments
13/02/2013	0	Final draft
15/04/2013	1	Issue for use
08/11/2016	2	Added Annex 1 for provisions for certifying ready mix concrete transport facilities that are not owned by ready mix concrete plants
01/03/2017	3	Added provision for validity of CBU certification clause [3.2.3], and further clarification on certification of transport facilities Annex 1 clause [5]
17/03/2019	4	Updated format as per new DM template and new DM logo
08/03/2020	5	Adding the Technical personnel availabilities requirements in the RMX plants and some corrections/modifications
21/07/2020	6	Add the options for initial audit by the approved CAB and remotely by PCAS. Adding definition for authorized auditor. Update for the new numbering system and followed terminologies. Additional application documents requirements. Reflecting on the additional reference documents. Clarifying the responsibilities of the certified clients. Detailing the fee structure. Adding Trucks in the title of the document and the related definition of applicant. Removing AD 316 from the title as it is included within the body of the document
26/09/2021	7	Removal of the documents in clause 2.1.2, in line with DM 30% reduction of requirement, in addition to modifications in the auditing part for the factories already certified against ISO 9001 by adding note under clause 2.3.1
04/10/2022	8	Changing section name as per the new organizational structure, and replace HOU by CQPSM (Section's Manager)
27/03/2023	9	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
15/08/2024	10	Changing the logo of the Government of Dubai with the latest design.
11/09/2024	11	Revised due to changing the name of the standard specification from Dubai Municipality Standard (DMS) 026 to Technical Guide (TG) 02 and reviewed as per the new version.

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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.
- 1.4 This document specifies the requirements for certifying ready-mixed concrete plants and trucks in accordance with the latest Technical Guide (TG) 02 “Technical Guide for the Operation of Ready Mixed Concrete Plants”.

2. SCOPE

- 2.1 This specific rule specifies the requirements for ready mix concrete plants, precast concrete plants (fresh concrete production), central batching units (CBU's) and trucks (Transit Agitators) as defined in Administrative Decision (316)
- 2.2 Certification shall be carried out for each batching plant in a specific location.
- 2.3 Concrete transport companies may apply for certification of truck mixers for compliance with the requirements of Admin Decision (316) 2012, TG 02 and this Rule (please See Annex 1).
- 2.4 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: Plants and Trucks Facilities
- 3.2 Applicable standard/Normative reference: TG 02 – 2024 Technical Guide for the Operation of Ready Mixed Concrete Plants
- 3.3 Additional reference:
 - a) ISO 9001 Quality Management System – Requirements

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- b) ISO 19011 Guidelines for Auditing Management Systems
- c) Administrative Decision (316) 2012 on the “Control of ready-mix concrete plants and central batching units in the Emirate of Dubai”.
- d) DM-DCLD-RD-DP21-2086 (IC) – Factory production control system for ready mixed concrete plants
- e) DM-DCLD-F-IC-2043 – Audit Checklist for RMX Plant and Trucks
- f) DM-DCLD-F-IC-2048 - RMX Inspection Form for Transit Agitator

4 DEFINITION OF TERMS

In addition to the definitions given in in the Administrative Decision (316) 2012, DM-DCLD-RD-DP21-2001 (IC) and TG 02, the following shall apply:

- 4.1 Standard Specification – TG 02 – 2024 Technical Guide for the Operation of Ready Mixed Concrete Plants

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 to carry out factory production control testing as required in DM-DCLD-RD-DP21-2086 (IC) in order to ensure that the product complies with the requirements of the relevant standard specification and/or relevant customer specification as applicable.
- 5.3 Product Evaluation and testing (Central Mixing Uniformity)
 - 5.3.1 As part of the assessment of the ready-mixed concrete plant, independent testing for uniformity of in-plant central mixing operation and comparison with the results of in-plant testing to be performed where applicable as reflected in DM-DCLD-F-IC-2043 – Audit Checklist for RMX Plant and Trucks.
 - 5.3.2 The results of testing must comply with the standard specification requirements.

6. GRANTING OF THE DCLD CERTIFICATE

- 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 Use of the DCL Conformity Mark shall be as per DM-DCLD-RD-DP21-2082 (IC).

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- 6.3 Fees shall be as per DM-DCLD-RD-DP21-2097 (IC) and other relevant provisions in the general rule.
- 6.4 DCLD-CQPS shall carry out surveillance of certified clients based on the approved periodic plans and related provisions in the general rule.
- 6.5 Appeals, disputes and complaints shall be in line with the relevant provisions in the General Rule.

7. ANNEXES

7.1 ANNEX 1 -PROVISIONS FOR CERTIFYING CONCRETE TRANSPORT FACILITIES ONLY

CERTIFICATION OF READY-MIX CONCRETE TRANSPORT FACILITIES THAT ARE NOT PART OF THE READY-MIX CONCRETE PLANT FACILITIES

Use of the transport facility not belonging to the ready-mix concrete plant shall be allowed only if the trucks are DCL-CQPS certified. Concrete delivered to the site shall be the sole responsibility of the ready-mix concrete plant.

The following modifications shall be applied when the applicant submits his request for certification of his trucks that are not part of the plant facilities.

- 7.1.1 The process of application and trucks inspection shall be in line with the related provisions in the general rule.
- 7.1.2 Assigned Audit Team shall inspect the trucks according to:
- DM-DCLD-F-IC-2043 (Applicable clauses only)
 - DM-DCLD-F-IC-2048
- 7.1.3 Clauses in this Specific Rule that are related to the operation of the plant and its quality management system shall not apply.
- 7.1.4 Trucks for inspection should be in a specified Dubai location with suitable space for inspection and safe access during inspection. The applicant shall provide facilities such as platform, torchlight, etc.
- 7.1.5 RMX Inspection Form for Transit Agitator DM-DCLD-F-IC-2048 will be the reference document for the inspection. Other documents such as Audit plan, Audit program, Auditors' log sheet, Audit Attendance Sheet, Customers' feedback, Audit Summary Report and Final Assessment report are not required to be prepared.
- 7.1.6 Trucks must be licensed in Dubai.

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7.2 ANNEX 2 – TECHNICAL STAFF REQUIREMENTS

Description	Technical Department		Supervision
	Material Section	Laboratory	
Ready mix Factory	Civil Engineer (Materials section or practical experience in materials field) (10 years' Experience)	Civil Engineer (3 years' experience) or Technician with diploma in construction laboratories (5 years' experience)	Civil Engineer – Sites supervisor (5 years' experience)
CBU – Linked to Ready mix factory	Follows the mother Ready mix factory	Follows the mother Ready mix factory	Civil Engineer (Materials section) (3 years) or diploma in civil engineering (Materials section) (5 years' experience)
Precast Factory	Civil Engineer (Materials section or practical experience in materials field) (10 years' Experience)	Civil Engineer (3 years' experience) or Technician with diploma in construction laboratories (5 years' experience)	-----

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