

General Rules for DM Third Party Product Certification System Through Factory Assessment
Dubai Central Laboratory - Inspection And Certification Section

Doc. Ref :RD-DP21-2001 (IC)
Issue Date :03-06-2012

Rev. No.: 9
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DATE	NUMBER	DETAILS
29-02-2005	0	Draft for review and comments
29-01-2006	1	Issue for use
03-08-2006	2	Revision due to Unit becoming a Section
27-02-2008	3	Inclusion of Section 4.4 – submission of supporting documents such as quality manual, mandatory procedures and internal quality plan. Inclusion of Section 5.2 – provision for the availability of an interpreter during the initial factory assessment audit. Deletion of section 6.1.3 – signing of the licensing agreement.
24-02-2009	4	Minor clarifications and correction of typographical errors
13-07-2009	5	Modification of document numbering and format to align with the Integrated Management System
14-09-2009	6	Adding provisions for maximum period allowed to rectify non-compliance and maximum period allowed for postponement of initial assessment
21-12-2009	7	Adding provisions on the auditing of QMS certified and non certified companies
12-10-2011	8	Adding provisions for follow up visit and revisions on the applicable standards. Updating the procedures as per new departmental upgraded documents. Refer to the specific guidelines for the use of Mark.
03-06-2012	9	Revise the provision specifying applicant responsibility whenever General Rules and Specific Rules are amended

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1. INTRODUCTION

This document is applicable to the DM Third Party Certification System of determining conformity with product standards. The system is generally based on ISO Guide 28 and other related ISO Guides and, consists of (1) initial testing of the product, (2) assessment of the factory quality management system, (3) granting of the license, and followed by (4) surveillance. A successful applicant is granted a License to use the DCL Conformity Mark on their product. This system is in accordance with International Organization for Standardization (ISO) Certification System No. 5 as described in the ISO Guide 67.

The DM Third Party Certification System is being implemented by Dubai Central Laboratory Department – Inspection and Certification Section (DCLD-ICS), hereinafter referred to as the “DM Certification Body”.

2. DEFINITION OF TERMS

- 2.1 CERTIFICATION – procedure by which a third party gives written assurance that a product, process or service conforms to specified requirements.
- 2.2 CERTIFICATION SCHEME – certification related to specific products, processes, or services to which the same particular standards and rules, and the same procedure apply.
- 2.3 SPECIFIC RULES – a document specifying the set of rules that are applicable to a particular certification scheme, taking into account the production methods and the kind of product or group of products to be covered under the scheme.
- 2.4 CERTIFICATION LICENSE (CERTIFICATE OF PRODUCT CONFORMITY) – a document issued under the rules of a certification system, by which a certification body grants to a person or body the right to use the DCL Conformity Mark for its products, processes or services in accordance with the rules of the relevant certification scheme.
- 2.5 LICENSEE – person or body to which a certification body has granted a license.
- 2.6 DCL MARK– refers to the DCL Product Conformity Mark, which is a protected mark applied or issued under the rules of a certification system, indicating that confidence is provided that the relevant product, process or service is in conformity with a specific standard or other normative document.
- 2.7 APPLICANT – means the company, organization or individual applying for a license to use the Mark.
- 2.8 DM CERTIFICATION BODY – refers to Dubai Municipality - Dubai Central Laboratory Department – Inspection and Certification Section (DCLD-ICS).

3. BASIC CONDITIONS FOR GRANTING CERTIFICATION LICENSE

- 3.1 The basic conditions for granting the certification license consist of satisfactory compliance with these General Rules of the certification system, as well as satisfactory compliance with the Specific Rules of the scheme for the particular product or type of product subject to certification.
- 3.2 DM Certification Body may modify these General Rules and Specific Rules at any time, including any modification necessary to satisfy instructions given by the accreditation authority. Any modification will be communicated to the applicant/licensee.

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4. APPLICATION

- 4.1 Applications for a certification license shall be made on the appropriate Application Form, which is available from the DM Certification Body.
- 4.2 The applications shall include an undertaking by the applicant to abide by the terms and conditions of the certification system. By signing the application form, the applicant and the manufacturer agrees to comply with these General Rules and the Specific Rules for the product covered by the license application.
- 4.3 Separate applications shall be submitted for each product type or group of products that refers to a different Specific Rules.
- 4.4 The Application form shall be submitted to DM Certification Body together with the required supporting documents specified in the application form.
- 4.5 Applicable relevant standard to be used in certifying the product shall be reviewed and a draft specific rule shall be prepared and deliberated with the Certification Technical Committee for approval in accordance with RD-DP21-2094 (IC).

5. INITIAL ASSESSMENT

- 5.1 Upon acceptance of the application and all necessary documentation, the DM-Certification Body shall make the necessary arrangements with the applicant for carrying out the initial assessment. The initial assessment shall consist of: (1) assessment of the factory quality management system, and (2) initial testing/evaluation of the product.
- 5.2 If required, the applicant shall provide DCL audit team a competent interpreter for the duration of the initial factory assessment audit.
- 5.3 Assessment of the factory quality management system shall be according to the Specific Rules of the scheme and shall be carried out by the DM-Certification Body or by a body approved by it.
- 5.4 Applicant companies who have been certified to ISO 9001 by a Certification Body, that are recognized by the DCL shall still be assessed. The context of auditing for these certified companies will cover mostly the review of audit records of the certification bodies.
- 5.5 Applicant companies who are not certified to ISO 9001 will be audited on all the requirements of the said standard.
- 5.6 Sampling and initial testing (or type testing) of the product shall be carried out in accordance with the product standard/specifications or other normative document referenced in the corresponding Specific Rules of the scheme. The tests shall be carried out at DM laboratories or in DM-Certification Body approved laboratory.
- 5.7 Corrective action plan for any non-compliance (NCR) raised during the initial assessment audit shall be submitted to the Certification Body within 1 month from the date of the audit. The completion date for the submitted corrective action shall be as per agreed period of time but not exceeding 6 months from date of issue. Under certain situation, and with the agreement of the Certification Body, the NCR may be re-issued (with a new completion date) at the end of the 6 months period. Non-compliance with these provisions may result in the cancellation of the application.
- 5.8 Should the company requested for a postponement of the initial assessment audit, the certification body

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shall allow only a maximum of six (6) months from the proposed audit schedule. Otherwise, the application shall be considered cancelled.

5.9 If deemed necessary by (DCLD-ICS), a follow up visit may be conducted to assess the final situation.

6. GRANTING THE CERTIFICATION LICENSE

6.1 When the results of the initial assessment demonstrates that the requirements of the Specific Rules and the product standard specifications (or other applicable normative documents) are met, and all related documentation mentioned below have been approved, then the DM Certification Body shall issue the Certification License.

6.1.1 The applicant shall submit a product marking proposal for approval. The marking proposal shall comply with the guidelines issued by the DM Certification Body.

6.1.2 The applicant shall agree to an internal quality assurance plan (by the factory) and an Independent Testing Plan (by the Certification Body) that will be implemented to ensure that the product covered by the license continue to satisfy the requirements of the Specific Rules and the standards mentioned in them.

6.2 A separate certification license shall be issued for each product or group of products covered by one Specific Rules and manufactured by one manufacturer at the location assessed by the DM Certification Body.

6.3 The certification license is valid for one year and can be renewed upon continuing satisfactory compliance with the requirements as verified during surveillance. Renewal shall proceed only upon signing the proposal for renewal of certification license as well as payment of due fees.

6.4 A certification license is non-transferable.

7. EXTENDING THE SCOPE OF THE LICENSE

7.1 A licensee can extend the certification to other types or models of products made in the same factory to the same Specific Rules and Standard for which the license is already granted. Likewise an extension may also be applied to additional types of products made at the same factory, but to a different Specific Rules and Standards. DM Certification Body may decide not to carry out a factory assessment but to require test samples of the additional types of products to determine its compliance with the requirements of the Specific Rules and applicable standard. If the test results are satisfactory, extension of certification scope shall be granted.

7.2 If the licensee wishes to apply for certification to the same product in another factory, then the application will be treated independently and the complete initial assessment shall be carried out. A separate certification license shall be issued for such application.

8. SURVEILLANCE

8.1 DM Certification Body shall carry out surveillance visits in accordance with the RD-DP21-2096 (IC), in order to assess the factory quality management system, and shall take samples of products bearing the mark, either from the manufacturing premises or from the open market in accordance with the agreed Independent Testing Plan (see clause 6.1.2).

8.2 During surveillance visits, DM Certification Body shall check the licensee's compliance with the implementation of the agreed internal quality assurance plan (see clause 6.1.2) DM Certification Body

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may demand an increase in the frequency of checking in the internal quality assurance plan if any deviations from conformity are found among samples bearing the Mark.

8.3 Any non-compliance raised during the surveillance audit shall be issued with non-compliance report to be returned back to the Certification Body with proposed corrective action within 1 month from the date of issued. Completion of corrective actions shall be made as per agreed period of time but not exceeding 6 months. Under certain situation and with the agreement of the Certification Body, the NCR may be re-issued at the end of the 6 months period. Non-compliance with these provisions may result in the suspension of the certification license.

8.4 In addition to the surveillance visits mentioned in the Specific Rules, the DM Certification Body may carry out special inspections at any time and in any place in order to check whether the products conform to the requirements. If non-conformities are found during such special surveillance visits, a non-conformity report shall be issued to the licensee and the cost of testing and inspection shall be charged against them.

9. USE OF THE DCL MARK

9.1 After obtaining the certification license, the licensee has the right to use the DCL Mark on the products covered by the scope of certification, in accordance with the approved product-marking proposal (see clause 6.1.1). If there are requirements related to the mark in the Specific Rules, these requirements shall be satisfied.

9.2 The licensee may use the mark for sales promotion for the product. It may be used in advertisements and on stationery together with the logo or the name of the licensee establishment, provided that it is not used in such manner that the DM Certification Body may consider as misleading.

9.3 The licensee shall comply with the related guidelines for the use of the Mark as per IMS-RD-13 and RD-DP21-2091 (IC) and any other guidelines may be issued later in this regards.

10. PUBLICITY FOR CERTIFIED PRODUCTS

10.1 The DM Certification Body shall maintain and publish a Register of Certified Products. The information in the register shall include, as a minimum, the name of the licensee, the product or types of product for which certification has been granted, and the applicable standard or normative document against which the product has been assessed and found in compliance.

10.2 The DM Certification Body shall, within its power, take the necessary action to market and promote the DM Third Party Certification System through any means available.

10.3 The licensee has the right to publish and advertise that he has been granted the license to use the DCL Mark for products covered by the license. The licensee shall take care that the publications and advertisements does not create any confusions between certified and non-certified products.

11. SUSPENSION, WITHDRAWAL AND CANCELLATION OF LICENSE

11.1 A certification license may be suspended, cancelled or withdrawn under the conditions specified in the procedure for Suspension, cancellation and withdrawal of Certification License, IMS-RD-07.

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12. REVISION OF RULES AND STANDARDS

- 12.1 The DM Certification Body has the right to change these General Rules and any Specific Rules issued for certification scheme. The Licensees shall regularly check the DCLD web page for announcements and instructions related to their certification, and shall ensure that only the latest versions of the relevant certification documents are used and implemented.
- 12.2 If the applicable standards or normative documents are revised or replaced such that the compliance of the product is affected, the certification license will be extended only if the licensee agrees to fulfill the requirements of the new documents. The DM Certification Body shall issue the procedures, the transition schedule, and other instructions for the implementation of the revised or replaced documents.
- 12.3 If the revision(s) on the standard or normative document do not affect the compliance of the product with the requirements, the Certification License will be automatically updated to the new standard at the time of renewal.

13. FEES

- 13.1 The applicant shall pay the necessary fees in accordance with the Schedule of Fees issued by the DM Certification Body.
- 13.2 DM Certification Body has the right to invoice for any additional work related to repeated or additional testing and/or auditing due to non-compliance found during regular assessment.
- 13.3 DM Certification Body reserves the right to amend the Schedule of Fees if necessary.
- 13.4 Paid fees are non-refundable.

14. APPEALS

- 14.1 The applicant or licensee may appeal any decision by the DM Certification Body in accordance with the Appeals Disputes and Complaints procedure, IMS-RD-08.

15. LIABILITY/DISCLAIMER

- 15.1 The DM Certification Body shall not be held liable for any action (legal or otherwise) raised by any party against the licensee on matters resulting from the implementation of the DM Third Party Certification System.
- 15.2 The licensee is ultimately responsible for ensuring that the product meets the requirements of other applicable regulations that were not assessed during the certification process. This includes safety, health, and environmental regulations that are not necessarily covered by the standard or the normative document referred to in the Specific Rules.

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**Specific Rules for Certification of Ready-Mixed Concrete Plants
in Accordance with Administrative Decision (316) 2012 and DMS 026
Dubai Central Laboratory- Inspection And Certification Section**

Doc. Ref : RD-DP21-2177 (IC)
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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

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1. GENERAL

1.1 INTRODUCTION

This document describes the specific rules and procedures for the certification of ready-mixed concrete plants as provided by Dubai Municipality Administrative Decision (316) 2012 and against the requirements of Dubai Municipality Standard Specifications DMS 026.

Applicants for certification under this scheme shall comply with this Specific Rules and also with the provisions of RD-DP21-2001 (IC) "General rules for Third Party Product Certification through Factory Assessment". In case of inconsistencies of requirements (between the General Rules and Specific Rules), the provisions of this Specific Rules shall prevail.

1.2 MAIN CRITERIA FOR CERTIFICATION

This document provides specific rules and procedures for certifying ready-mixed concrete plants in accordance with Dubai Municipality Standard (DMS) Specification No. DMS 026 "Technical Requirements for the Operation of Ready-mixed Concrete Plants". In addition, the ready-mixed concrete plant shall implement a quality management system in accordance with ISO 9001. The following documents shall be referred to:

- a. Administrative Decision (316) 2012 on the "Control of ready mix concrete plants and central batching units in the Emirate of Dubai".
- b. General Rules RD-DP21-2001 (IC) and Specific Rules RD-DP21-2177 (IC);
- c. DMS 026 – Technical Requirements for the Operation of Ready-Mixed Concrete Plants (always refer to the latest edition)
- d. ISO 9001: 2008 – Quality Management Systems Requirements
- e. RD-DP21-2086 (IC) – Factory production control system for ready mixed concrete plants

1.3 SCOPE OF CERTIFICATION

The certification is applicable to ready mix concrete plants and central batching units as defined in Administrative Decision (316) 2012. Precast concrete plants are classified as central batching units.

Certification shall be carried out for each plant in a specific location, regardless of the number of production line.

1.4 DEFINITIONS

- a. The definitions given in the Administrative Decision (316) 2012 and DMS 026 shall apply.
- b. Certification – procedure by which a third party gives written assurance that a product, process or service conforms to specified requirements.
- c. Specific Rules – a document specifying the set of rules that are applicable to a particular certification scheme. The rules shall be based on the requirements of the standard specification and applicable regulations, if available.
- d. DM Certification Body – Inspection and Certification Section – Dubai Central Laboratory Department

2. REQUIREMENTS FOR CERTIFICATION

2.1 APPLICATION

Ready-mixed concrete plants who wish to apply for certification under this scheme shall submit application to the DM Certification Body.

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Application forms shall be filled-up by the applicant-company and submitted to DM Certification Body together with the following supporting documents:

- a. Trade License
- b. Complete product description and specifications
- c. Brief Description of Manufacturing Process
- d. Copy of the Quality Manual
- e. Vicinity Map and Factory Layout
- f. Valid Certification to ISO 9001 (optional)
- g. List of key personnel and their designation

Application shall be plant-specific (Refer to [1.3]). Each application shall refer to a single location only.

2.2 REQUIREMENTS FOR FACTORY OPERATION

2.2.1 Quality Management System

The ready-mixed concrete plant shall have a Quality Management System that is aligned to the requirements of ISO 9001 standard. NOTE: Certification to ISO 9001 by a third party QMS certification body is not mandatory but it will be advantageous to ensure that the full requirements of the ISO 9001 is addressed and implemented.

2.2.2 Technical Requirements

The ready-mixed concrete plant shall implement the technical requirements as given in DMS 026. Records and evidence of implementation shall be maintained. The technical requirements as given in the DMS 026 refers to the following:

- a. Production and transport facilities
- b. Product realization and factory production control
- c. Personnel competence

2.2.3 Quality assurance laboratory

Ready-mixed concrete plants shall have a quality assurance laboratory to carry out factory production control testing to ensure that the product comply with the requirements of the relevant standard specification (or relevant customer specification). The laboratory shall have the necessary resources (personnel, facilities and test equipment) for implementing the "Factory production control system" as mentioned in clause [2.2.4].

2.2.4 Factory production control system

The Ready-mixed concrete plants shall implement a factory production control system that will ensure conformity of concrete with the specified requirements. The factory production control system shall be fully documented (procedures, plans, and records) and shall comply with the requirements of RD-DP21-2086 (IC).

2.3 INITIAL FACTORY AUDIT

2.3.1 An Audit Team organized by DM Certification Body shall conduct an audit of the factory operation to verify that the requirements as mentioned in clause [2.2] are being satisfied. The Audit Team shall be composed of:

- a) ISO 9001 QMS auditors
- b) Technical Expert/Technical Representatives

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If necessary, members of the Audit Team may be outsourced from qualified personnel outside Dubai Municipality. Outsourcing shall be in accordance with DM Certification Body sub-contracting procedure IMS-RD-11.

2.3.2 Members of the Audit Team shall [collectively] have appropriate qualification and training in the field of quality management system auditing, and ready mixed concrete production, testing, inspection and quality assurance.

2.3.3 Factory audit shall be carried out in accordance with ISO 19011 "Guidelines for quality and/or environmental management systems auditing".

2.3.4 The factory audit shall include (but not limited to) the following:

- a. Quality management system
- b. Production facilities
- c. Factory production control
- d. Transport facilities

2.4 IN-PLANT AND INDEPENDENT TESTING

2.4.1 The purpose of the in-plant and independent testing audit is to ensure that:

- a. the laboratory testing facilities are adequate and the laboratory personnel are competent to carry out the required tests according to the Factory Production Control requirements;
- b. to verify that constituent materials, admixtures/additives and finished products are complying with the specified requirements as shown by the results of the factory production control testing.

2.4.1 In-plant testing

The Audit Team shall witness the conduct of in-plant testing to verify that the test is carried out in accordance with the relevant test method, and the results comply with the relevant specification (can be as per the specified mix design requirements). In plant testing may be carried out on constituent materials and/or finished product.

2.4.2 Sampling for independent testing

As part of the assessment of the ready-mixed concrete plant, the Audit Team shall collect samples of constituent materials and/or finished product in order to carry out independent testing for conformity with the specified mix design requirements and for comparison with the results of in-plant testing.

2.4.3 Independent laboratory testing

The sample collected during the initial factory audit shall be tested at DCLD or, (if the tests are not available at DCLD) in an independent laboratory approved by the DM Certification Body, to verify that the material or product is complying with the relevant specification.

2.5 NON-CONFORMANCE WITH REQUIREMENTS

2.5.1 Any non-conformity noted during the initial factory audit shall be raised in a Non-Conformity Report (NCR). The factory shall be given adequate time to rectify the non-conformity and, if deemed necessary by the DM Certification Body, a follow up audit of the factory shall be carried out to close the non-conformity.

2.5.2 Any non-conformance in the results of independent testing [clause 2.4.3] shall be raised as Non-Conformity Report (NCR) and the factory shall be given adequate time to rectify the non-conformance. A re-sampling and re-testing shall be carried out in order to close the non-conformity.

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3. GRANTING OF THE DCL CERTIFICATION LICENSE

3.1 CONDITIONS FOR GRANTING THE DCL CERTIFICATION AND LICENSE

When the results of the initial factory audit (including the independent testing) show conformity to the requirements, the Certificate of Product Conformity and the License to use the DCL Conformity Mark shall be issued to the ready-mixed concrete plant.

3.2 ISSUANCE OF DCL CERTIFICATION LICENSE

3.2.1 If the conditions mentioned in clause [3.1] are fully satisfied, the ready-mixed concrete plant shall be issued a DCL Certificate of Product Conformity and License to affix the DCL Conformity Mark on the labels/delivery notes of the finished product.

3.2.2 The Certificate and License shall be valid for one year subject to renewal upon continuing compliance with the certification requirements (as verified during surveillance, clause [4]) and payment of applicable fees.

3.3 RESPONSIBILITIES OF THE LICENSEE

3.3.1 Certified and licensed ready-mixed concrete plants (Licensee) shall ensure that the plant continues to comply with the certification requirements at all times.

3.3.2 The licensee shall give the duly authorized representative(s) of the DM Certification Body, access during working hours, without prior notification, to the premises of the factory, for the purpose of surveillance as per clause [4].

3.3.3 The licensee 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 quality management system.

3.3.4 Upon transfer of plant site, the license 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 for the use of DCL Conformity Mark shall constitute sufficient grounds for suspension, withdrawal and cancellation of the certification license.

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 IMS-RD-08 Appeals, Disputes, and Complaints Procedure.

3.3.7 The licensee 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, RD-DP21-2098 (IC)

3.4.2 The licensee shall submit samples of tag, labels, or markings, showing the DCL Conformity Mark, for approval by the DM Certification Body.

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

4. SURVEILLANCE

4.1 DM Certification Body shall carry out routine surveillance to ensure consistent compliance with the requirements of this certification scheme in accordance with RD-DP21-2096 (IC) – Surveillance of

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Licensed Establishments under the Factory Assessment Scheme.

- 4.2 During surveillance, DM Certification body shall examine records of implementation of the factory production control system and may collect samples for verification testing at independent laboratories.
- 4.3 Non-routine/extra surveillance may be carried out in case of non-conformities found during routine surveillance; or as mandated by regulatory bodies.
- 4.4 Unresolved non-conformities during surveillance may be grounds for suspension or cancellation of certification. Suspension, cancellation or (voluntary) withdrawal of certification shall be in accordance with IMS-RD-07.

5. FEES

- 5.1 The fees shall be in accordance with RD-DP21-2085 (IC).

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Factory Production Control System for Ready-mixed Concrete Plants and CBUs

Dubai Central Laboratory- Inspection and Certification Section

Doc. Ref : RD-DP21-2086 (IC)

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16-06-2011	0	First draft
12-02-2013	0	Final draft
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1. INTRODUCTION

This factory production control system is part of the requirements for certification of ready mix concrete plants and central batching units according to Specific Rules No. RD-DP21-2177 (IC) "Certification of Ready Mix Concrete Plants as per Admin Decision (316) 2012 and DMS 026".

The factory shall implement a factory production control system to ensure that the properties of concrete are maintained in conformity with specified requirements.

2. DOCUMENTATION REQUIREMENTS

The factory shall maintain documented quality plan and procedures for the implementation of the Factory Production Control System. The documented procedures shall define the following:

- Responsibility, authority and interrelation of all personnel who manage, perform, and verify work affecting the quality of concrete;
- The control requirements to be implemented (as given in this document), and their corresponding acceptance criteria;
- The intended frequencies of tests and inspections to be carried out (as given in this document);

The factory shall maintain records of the results of tests and inspections for at least three years, unless otherwise specified under contractual obligations.

3. SCOPE

The established factory production control system shall include: (1) selection of materials; (2) concrete design; (3) concrete production; (4) inspections and tests; (5) use of the results of tests; (6) inspection of equipment; and (7) conformity control.

4. REQUIREMENTS

4.1 Control of constituent materials

S/N	Constituent material	Inspection/Test	Purpose	Minimum Frequency
1	Cement	Inspection of delivery ticket and Certificate of Conformity prior to discharge	To verify and confirm that it is as per ordered and from the correct source	Each delivery
2	Aggregates	Inspection of delivery ticket prior to discharge	To verify and confirm that it is as per ordered and from the correct source	Each delivery
3	Aggregates	Inspection of aggregate prior to discharge	To compare with normal appearance with respect to grading, shape and impurities	Each delivery
4	Aggregates	Test by sieve analysis	To assess compliance with grading requirements	First delivery from new source + periodic thereafter with specified frequency; and In case of doubt after visual inspection
5	Aggregates	Test for impurities	To assess the presence of impurities	First delivery from new source + periodic thereafter with specified frequency; and In case of doubt after visual inspection

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6	Aggregates	Test for water absorption	To assess the effective water content of concrete	First delivery from new source + periodic thereafter with specified frequency; and In case of doubt after visual inspection
7	Additional control for light-weight or heavy-weight aggregates	Test for loose bulk density	To measure the loose bulk density	First delivery from new source + periodic thereafter with specified frequency; and In case of doubt after visual inspection
8	Admixtures	Inspection of delivery ticket and label on container prior to discharge	To verify and confirm that it is as per ordered and from the correct source	Each delivery
9	Admixtures	Test for identification	For comparison with manufacturer's specification	In case of doubt.
10	Additives (bulk powder)	Inspection of delivery ticket prior to discharge	To verify and confirm that it is as per ordered and from the correct source	Each delivery
11	Additives (bulk powder)	Test of loss on ignition on fly ash	To identify changes in carbon content	First delivery from new source
12	Additives in suspension	Inspection of delivery ticket prior to discharge	To verify and confirm that it is as per ordered and from the correct source	Each delivery
13	Additives in suspension	Test for density	To ascertain uniformity	First delivery from new source
14	Water	Chemical tests	To verify and confirm that it is free from harmful constituents	Where a new non-DEWA source is used for the first time + In case of doubt

4.2 Control of equipment

S/N	Equipment	Inspection/Test	Purpose	Minimum Frequency
1	Stockpiles and bins, etc.	Visual inspection	To ascertain conformity with requirements	Once per week
2	Weighing equipment	Visual inspection	To ascertain clean condition and functionality	Daily
3		Calibration	To ascertain that the accuracy is within the tolerance	On installation and periodically according to schedule. + In case of doubt after visual inspection
4	Admixture dispensers	Visual inspection	To ascertain clean condition and functionality	Before first use of the day
5		Calibration	To ascertain accuracy of quantity dispensed	On installation and periodically according to schedule. + In case of doubt after visual inspection
6	Water meter	Calibration	To ascertain accuracy	On installation and periodically according to schedule. + In case of doubt after visual inspection
7	Equipment for continuous measurement of water content of fine aggregate	Calibration	To ascertain accuracy	On installation and periodically according to schedule. + In case of doubt after visual inspection
8	Batching system	Visual inspection	To ascertain functionality	Daily
9		Calibration by any suitable means to ascertain accuracy of actual vs. target vs. reading recorded	To ascertain batching accuracy	On installation and periodically according to schedule. + In case of doubt after visual inspection

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10	Testing equipment	Calibration according relevant standard requirements	To check conformity with standard	On installation and periodically according to schedule. + In case of doubt after visual inspection
11	Mixers	Visual inspection	To check functionality and wear	As per schedule

4.3 Control of production and concrete properties

S/N	Properties	Inspection/Test	Purpose	Minimum Frequency
1	Designed concrete	Initial test	To demonstrate that specified properties are met by the proposed design with adequate margin	Before using new concrete design
2	Water content of fine aggregate	Continuous measuring system, drying test or equivalent	To determine dry mass of aggregate and water to be added	Continual, or daily, depending on local and weather conditions, more or less frequent tests may be required.
3	Water content of coarse aggregate	Drying test or equivalent	To determine dry mass of aggregate and water to be added	Depending on local and weather conditions
4	Water content of fresh aggregate	Check of the quantity of water added	To provide data for the water/cement ratio	Every batch
5	Chloride content of concrete	Initial determination by calculation	To verify that maximum chloride content is not exceeded	When performing initial test. In case of an increase in chloride content of constituent.
6	Consistency	Visual inspection	For comparison with normal appearance	Each batch
7		Consistency test as per standard method	To verify that the specified value is achieved	When consistence is specified. When testing air content. When in doubt after visual inspection.
8	Density of fresh concrete	Density test as per standard method	For light-weight and heavy-weight concrete for supervision of batching and density control	Daily
9	Cement content of fresh concrete	Check the mass of cement batched	To check cement content and to provide data for water/cement ratio	Every batch
10	Additives content of fresh concrete	Check the mass of additives batched	To check the additives content and to provide data for water/cement ratio	Every batch
11	Admixture content of fresh concrete	Check the mass or volume of admixture batched	To check the admixture content	Every batch
12	Water/cement ratio of fresh concrete	By calculation or by testing	To verify that the specified value is achieved	Daily, where specified
13	Air content of fresh concrete where specified	Test according to standard test method	To verify that the specified value is achieved	First batch of each production day until value stabilizes
14	Temperature of fresh concrete	Measure the temperature	To verify that the specified value is achieved	Where temperature is specified: Periodically dependent on the situation. In case of doubt.
15	Density of hardened concrete	Test as per standard test method	To verify that the specified value is achieved	Where density is specified, as frequently as compressive strength test
16	Compressive strength test of molded concrete	Test as per standard test method	To verify that the specified value is achieved	As agreed with the specifier as part of conformity control

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**Fee Structure for the Certification of Ready Mixed Concrete Plants
in accordance with Administrative Decision (316) 2012 and DMS 026
Dubai Central Laboratory- Inspection And Certification Section**

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Issue Date	Rev. No.	Summary Of Amendments
18-07-2011	0	First draft for review and comments
24-02-2013	0	Final draft
15-04-2013	1	Issue for use

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1. SCOPE

This document gives details of the fees involved in the implementation of the certification scheme for ready mixed concrete plants in accordance with the provisions of DM Administrative Decision (316) 2012 and as described in RD-DP21-2177 (IC).

2. GENERAL DESCRIPTION

The applicable fees are based on Local Order (5) 2001 and are calculated according to the man-hours required to carry out the services covered by the certification scheme.

3. APPLICABLE FEES

S/N	Type of Fee	Details	Terms of Payment	RMX Plants	CBUs
3.1	Application Fee	This fee covers the receiving and processing of application documents, review, and preparation of certification proposal.	Upon submission of application.	AED 1,392	AED 1,392
3.2	Initial Assessment Fee	This fee covers the planning, organizing and implementing the factory audit and preparation of the audit report; evaluation of the results of the assessment and preparation of the final assessment report including the review and decision by the Technical Committee for granting the certification	Upon acceptance of certification proposal and prior to the conduct of the audit	AED 14,790	AED 9,048
3.3	Independent Testing Fee	This fee is part of the initial assessment and shall be conducted at least once during initial assessment	To be paid directly to DCL testing laboratory	As per actual Lab Fees to be invoiced by approved Lab	As per actual Lab Fees to be invoiced by approved Lab
3.4	Issuance of the Certificate of Conformity	This fee covers preparation and issuance of the Certificate of Conformity. This fee includes use of DCL Conformity Mark.	Prior to issue of the certificate	AED 6,612	AED 6,612
3.5	Surveillance (can be factory or site)	This fee covers market and factory inspection visits during the validity period, to ensure continuing compliance with the requirements.	Prior to issue of the certificate	AED 3,654	AED 2,610

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3.6	Total for 1 st Year			AED 26,448 (excluding Lab Testing)	AED 19,662 (excluding Lab Testing)
3.7	Annual renewal	This fee covers the conduct of annual factory renewal audit and one surveillance audit to verify continuing compliance.	Upon acceptance of renewal proposal	AED 16,530 (excluding Lab Testing)	AED 14,442 (excluding Lab Testing)

4. EXTRA COSTS

Any extra cost incurred outside the above categories shall be charged separately. This includes re-auditing or re-testing due to non-compliance with requirements.

5. INVOICING

Each fee category shall be invoiced separately and the client shall pay only upon receipt of such invoice.

6. MODIFICATION TO THE FEE STRUCTURE

The fees mentioned in this document are subject to periodic review and modifications if necessary. The client shall be informed accordingly in case of modifications.

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