

 حكومة دبي GOVERNMENT OF DUBAI	Organization/Unit: إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document Title: Surveillance of Registered Factories under Batch Certification Scheme	عنوان الوثيقة:	
	Doc Ref. DM-DCLD-RD-DP20-1097 (IC)	رقم الوثيقة:	

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Issue Date	Rev. No.	Summary Of Amendments
29-09-2005	0	Draft for comments
02-10-2005	1	Issue for use
03-09-2009	2	Document reference number and format is changed according to the new IMS Job titles have been revised to align with the new changes. Updated standard specifications.
14-11-2013	3	Updated, Local Order 1-2012 and revised DMS standards.
27-03-2019	4	Updated format as per new DM template and logo
06-09-2020	5	Updated to change font type and new numbering system and followed terminology. Include remote sampling option. In addition to some minor highlighted amendments in some clauses.
04-10-2022	6	Updated new section name and removed HOU. Updated new job titles. Adding SR # for paving and correction the # for filler blocks. Revision of the preparation of plan to be by Section- MR and approval by Section Manager in clause 5.1. Revision of clause 5.3 for frequency of sampling and planning. Add definition of assigned personnel. Revise clause 9.4 by removing issuance of violation as per regulations and replace it by the decision of DCLD-CQPS management.
27-03-2023	7	Full re-structuring .Clauses are re-numbered and re-named. Additional minor changes (highlighted). Use of New DM Logo
06-06-2024	8	Changing the logo of the Government of Dubai with the latest design.

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1. INTRODUCTION

This document covers the implementation of the surveillance of registered suppliers (factories/yards) of blocks that are certified under the below certification schemes:-

- 1.1 DM-DCLD-RD-DP20-1102 (IC) Specific Rules for Batch Certification of AAC Masonry Blocks As Per DMS 1 Part 3
- 1.2 DM-DCLD-RD-DP20-1104 (IC) Specific Rules for Batch Certification of Precast Masonry Blocks as per LO (44) 1990 and LO (1) 2012 and DMS 1 Part 1.
- 1.3 DM-DCLD-RD-DP20-1106 (IC)-Specific Rules for Batch Certification of Precast Polystyrene Sandwich Masonry Blocks As Per DMS 1 Part 5
- 1.4 DM-DCLD-RD-DP20-1107 (IC)-Specific Rules for Batch Certification of Clay Masonry Blocks With Thermal Insulation Insert As Per DMS 17
- 1.5 DM-DCLD-RD-DP20-1110 (IC) - Specific Rules for Batch Certification of Precast Filler Blocks as per LO (44) 1990, LO (1) 2012 and DMS 1 Part 2.
- 1.6 DM-DCLD-RD-DP20-1111 (IC) -Specific Rules for Batch Certification of Paving Blocks as per LO (44)1990 and as amended by LO (1) 2012 and DMS 1 Part 4.

(Note: Refer always to latest issued/revised DM standard specification).

2. SCOPE

- 2.1 This procedure applies on all registered block factories under Type 2 scheme to ensure that their DCLD-CQPS certified blocks continue to comply with the standard specification as mentioned in the relevant Specific Rules.
- 2.2 The surveillance scheme will help prevent misuse of the Type 2 Certificate of Conformity issued by DCLD-CQPS.

3. REFERENCE DOCUMENTS

- 3.1 DM-DCLD-RD-DP20-1001 (IC) General Rules for Certification Through Batch Testing-
- 3.2 DM-DCLD-RD-DP20-110n (IC) Specific Rules for Batch Certification of Blocks (Clauses 1.1 to 1.6 above).

4. RESPONSIBILITY

- 4.1 CQPSM – Certification and Quality Control of Products Section Manager – is responsible for planning and supervising the implementation of the surveillance plan.

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4.2 The assigned Certification Personnel - Product Conformity Officer/ Engineer/Inspector shall carry out various tasks in the implementation of the surveillance as assigned by CQPSM.

5. PROCEDURE

The surveillance scheme involves sampling and re-verification of previously certified lots in order to confirm that the products that are being sold in the market comply with the relevant specification. The scheme consists of the following steps:

5.1 Surveillance planning:-

- 5.1.1 The section-MR shall prepare the surveillance plan at the beginning of each year for collecting samples of previously certified blocks, either from the factory (while still in the yard awaiting delivery to site), or from the construction site; if deemed necessary. CQPSMS shall approve the plan.
- 5.1.2 The plan shall identify the registered block factory, the type of product, and the frequency of collecting the surveillance samples.
- 5.1.3 The frequency of surveillance sampling is monthly from each registered factory based on the submittal for batch certification request on each month. The block factories that don't have batch request in any month will be exempted from surveillance sampling for that month.
- 5.1.4 The frequency may be revised depending on the outcome of the evaluation and analysis of the results. Unplanned sampling for surveillance may also be carried out based on the results of evaluation.

5.2 Sample Selection And Collection:-

- 5.2.1 The assigned personnel shall identify and select previously tested/certified lots and collect the surveillance samples.
- 5.2.2 The following may be used as basis for selection of samples:
 - a. Abnormal or suspicious results
 - b. Borderline passing results
 - c. A significant number of Non-Compliance blocks from the same factory
- 5.2.3 The samples may be collected from the factory (while awaiting issuance of conformity certificate or while awaiting delivery to the construction site), or from the construction site.
- 5.2.4 In case of samples collected from the factory, if the Certificate of Conformity has not been issued, the assigned personnel may hold its issuance until the results of testing on the surveillance sample is received and evaluated.

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5.2.5 Sampling can also be done remotely based on the decision of DCLD-CQPS management which can be carried out thru video recording, live streaming thru any of the communication IT apps like (MS TEAMS, ZOOM,.....etc.). Records of samplings shall be kept accordingly.

5.3 Testing

5.3.1 The samples collected shall be submitted to any approved DCLD-CQPS independent laboratory for testing of the same properties that were previously tested.

5.4 Evaluation And Analysis of Results

5.4.1 The results of testing on the surveillance samples shall be compared with the requirements of the relevant Specific Rules and standard specification.

5.4.2 If the results are meeting the specification requirements, it will be considered as accepted and all records will be kept in the file and there will be no further action.

5.4.3 If the results failed to meet the requirements, further investigation will be carried out. It may include:

- Compare with the original results and apply statistical test to see if there is significant difference;
- Look for outlier results within the ten specimens in the tested sample;
- Collect and test another sample from the same lot, if necessary.

5.4.4 If further investigation confirms that the surveillance sample is not meeting the specification requirements, corrective action shall be implemented.

5.5 Corrective and Follow-Up Actions

5.5.1 In case the Certificate has not been issued yet, a Non-Conformity Certificate shall be issued for the lot.

5.5.2 In case the Certificate has already been issued, the factory shall be notified in writing and will be asked to recall the blocks that have been delivered to the site. The factory shall be advised to carry out appropriate corrective actions and submit a report to DCLD-CQPS.

5.5.3 DCLD-CQPS assigned personnel shall verify the corrective actions implemented by the factories and DCLD-CQPS management may opt to test all or part of the new submitted lots by the factory for certification within DCLD- Infrastructure and Building Materials Laboratories Section until ensuring that blocks are complying with the standard specification.

5.5.4 If it is proven that there was misuse of the Certificate of Conformity, DCLD-CQPS assigned personnel shall inform the DCLD-CQPS management for taking the appropriate actions accordingly.

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