

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document Title:	Specific Rules for Batch Certification of Clay Masonry Blocks with Thermal Insulation Insert as per DMS 17: 2006	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP20-1107 (IC)	رقم الوثيقة :	

Issue Date	Rev. No.	Summary Of Amendments
27/02/2005	0	Draft for comments
08/03/2005	0	Final draft
14/03/2005	1	Issue for use
01/05/2008	2	-Clause 5.4.5 for testing Efflorescence is removed from the initial testing also clause 7.3.2.c is rephrased as 'whenever applicable ' -Updating of signatories and format.
12-07-2009	3	Document reference number and format is changed according to the new IMS. Test methods are removed, (in accordance with the test methods specified in the Standard Specifications). Updated standard specifications.
26-10-2009	4	Surveillance frequency of testing is revised to six months (clause 7.3.2) and (if required) is added to the tests.
27/03/2019	5	Updated format as per new DM template and logo
06/09/2020	6	Adding the option of remote sampling and minor highlighted changes in some clauses and some other editorial changes. Changing font type

Approved by HOU	Authorized by PCASM
Date of Issue : 06/09/2020	Rev. No. : 06
General / عام : Level of Confidentiality / درجة السرية	Page 1 of 5

Note: Printed copy of this document shall be treated as 'Uncontrolled'. Always refer the controlled version 'Online

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document Title:	Specific Rules for Batch Certification of Clay Masonry Blocks with Thermal Insulation Insert as per DMS 17: 2006	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP20-1107 (IC)	رقم الوثيقة :	

1. INTRODUCTION

- 1.1 This document contains the specific rules for the implementation of the DM Third Party Product Certification Scheme Through Batch Testing as applied to the specific product(s) identified herein, taking into consideration the applicable normative references (Standard Specification or regulations), as well as the unique characteristics and production method for that product (or group of products).
- 1.2 The applicant shall comply with these specific rules, and with those already mentioned in the “General Rules for DM Third Party Product Certification Scheme Through Batch Testing” (DM-DCLD-RD-DP20-1001).

2. PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

- 2.1 Product name: Clay Masonry Blocks With Thermal Insulation Insert
- 2.2 Applicable standard/Normative reference: DMS 17: 2006 Specification for clay masonry blocks with thermal insulation insert.

3. DEFINITION OF TERMS

The definitions given in DM-DCLD-RD-DP20-1001, DMS 17: 2006, and, in addition, the following shall apply:

- 3.1 Independent Testing Laboratory - Dubai Central Laboratory Department or any testing laboratory recognized by DCLD-PCAS.
- 3.2 Standard Specification – DMS 17: 2006 Specification for clay masonry blocks with thermal insulation insert
- 3.3 Lot – is equivalent to 1 batch of product. This terminology is being used in order to make it consistent with the terminology used in the DMS 17: 2006.
- 3.4 DM Certification Body – Product Conformity Assessment Section/ DCLD-PCAS.

4. GENERAL REQUIREMENTS

- 4.1 The supplier shall have a valid license (issued by Dubai Department of Economic Development) to supply the product.
- 4.2 The supplier shall have a factory/yard within Dubai Emirate wherein products subject to certification will be stored and where sampling shall take place.
- 4.3 The supplier/client shall register as User of the DM SMART SERVICE – Block Batch Certification

Approved by HOU	Authorized by PCASM
Date of Issue : 06/09/2020	Rev. No. : 06
General / عام : Level of Confidentiality / درجة السرية	Page 2 of 5

Note: Printed copy of this document shall be treated as ‘Uncontrolled’. Always refer the controlled version ‘Online

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document Title:	Specific Rules for Batch Certification of Clay Masonry Blocks with Thermal Insulation Insert as per DMS 17: 2006	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP20-1107 (IC)	رقم الوثيقة :	

5. REGISTRATION OF THE SUPPLIER/CLIENT

5.1 Documents required to be submitted for online registration thru DM- Smart System:

- Completed application form
- Valid trade/industrial license issued by the Dubai Department of Economic Development;
- Factory/yard lay-out showing location where products subject to certification are stored;
- Product description (lot size, bundles per lot, and x-y-z layout of bundles);
- Proposed product labeling and numbering system for traceability of the lots being certified;
- Proposed product identification mark;(only for factories located in Dubai)
- Copy of the factory/yard register.

5.2 DCLD-PCAS shall carry out initial factory/yard inspection to verify the following:

- Visual verification of the factory/yard and the lay-out of the blocks in the yard;
- Visual verification of the identification system for the lots (tags or labels on the bundles, and the numbering system for the lots).
- Visual verification of the product identification mark (applied on the blocks).
- Visual verification of the presence of DCL Conformity Mark or Certificate of Conformity for the polystyrene thermal insulation core.

5.3 DCLD-PCAS shall carry out initial testing of the product to verify its conformity with the Standard Specifications. Prior to initial testing, the supplier shall declare the gross density and thermal conductivity of the block.

5.4 DCLD-PCAS shall draw random samples from the factory and submit the samples to an Independent Testing Laboratory for the following tests (in accordance with the test methods specified in the Standard Specification):

- Compressive Strength
- Dimension
- Density
- Thermal Conductivity

5.5 Sampling and test methods shall be in accordance with those mentioned in the Standard Specifications, and the results of testing shall meet the requirements as stated therein. For density and thermal conductivity, the results shall not exceed the declared value.

5.6 After satisfying the above requirements, the establishment shall be informed officially and shall be included in the list of registered Suppliers for this certification scheme. The establishment can start submitting requests for certification of specific lots.

5.7 Sampling can be done also remotely based on the decision of DCLD-PCAS 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.

Approved by HOU	Authorized by PCASM
Date of Issue : 06/09/2020	Rev. No. : 06
General / عام : Level of Confidentiality / درجة السرية	Page 3 of 5

Note: Printed copy of this document shall be treated as 'Uncontrolled'. Always refer the controlled version 'Online

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document Title:	Specific Rules for Batch Certification of Clay Masonry Blocks with Thermal Insulation Insert as per DMS 17: 2006	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP20-1107 (IC)	رقم الوثيقة :	

6. REQUEST FOR CERTIFICATION OF SPECIFIC LOTS

- 6.1 Prior to submitting the request for certification, the supplier shall prepare the lots in the yard in accordance with the approved product description, and identified in accordance with the product labeling and numbering system.
- 6.2 The Supplier/client shall submit online request for certification for each lot of the product on the day prior to the proposed sampling date.

7. SAMPLING AND TESTING

- 7.1 A representative sample shall be selected in accordance with a random sampling plan from the lot that is subject to certification. The number of specimen (blocks) to be collected shall be in accordance with Section 8 of the standard specification.
- 7.2 DCLD-PCAS authorized representative shall confirm that the polystyrene thermal insulation core is certified by DCLD-PCAS by checking the DCL Conformity Mark on the product/s or its certificate of conformity. The absence of a mark or certificate of conformity may be grounds for rejecting the lot.
- 7.3 The sample shall be submitted for testing at any DCLD-PCAS Approved Independent Testing Laboratory. Tests to be carried out for each sample are as follows (in accordance with the test methods specified in the Standard Specification).
- 7.3.1 Routine certification testing, to be carried out for each lot:
- Compressive strength
 - Dimension
- 7.3.2 Surveillance testing to be carried out every six months on samples taken from the factory or from the Construction sites in Dubai.
- Density (if required)
 - Thermal Conductivity (if required)
- 7.4 The result of a particular test is considered "PASSED" if it meets the requirements as given in the Standard Specification. If not, it is considered as "FAILED".
- 7.5 If any of the results in the routine testing (clause 7.3.1) is "FAILED", the client is given one chance for a retest by taking another sample from the same lot and carrying out the same test where the result is "FAILED".
- 7.6 If any of the results of tests "FAILED" in surveillance testing (clause 7.3.2), that particular test will be shifted to the routine test (clause 7.3.1) for the next lot. This test will remain in the routine test category until the result is "PASSED", after which, the requirements of clause (7.3.2) will re-apply.

Approved by HOU	Authorized by PCASM
Date of Issue : 06/09/2020	Rev. No. : 06
General / عام : Level of Confidentiality / درجة السرية	Page 4 of 5

Note: Printed copy of this document shall be treated as 'Uncontrolled'. Always refer the controlled version 'Online'

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي DUBAI MUNICIPALITY
	Document Title:	Specific Rules for Batch Certification of Clay Masonry Blocks with Thermal Insulation Insert as per DMS 17: 2006	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP20-1107 (IC)	رقم الوثيقة :	

8. ISSUE OF CERTIFICATE OF CONFORMITY

- 8.1 If the final results of the routine tests are all “PASSED”, a Certificate of Conformity shall be issued for the particular lot where the sample was taken.
- 8.2 If one or more of the results, after carrying out the retest, is “FAILED”, a Certificate of Non-Conformity shall be issued for the particular lot.

9. SURVEILLANCE

- 9.1 DCLD-PCAS shall carry out periodic inspection on the registered block factories/yards and shall coordinate with regulatory bodies to ensure that only certified products are used in construction sites.
- 9.2 In case of non-compliance found during surveillance, appropriate action shall be taken in accordance with the clause 11 of the General Rules “DM-DCLD-RD-DP20-1001(IC)”. The establishment whose registration has been suspended or withdrawn shall not be allowed to submit any product for certification.

10. FEES

- 10.1 The DM Certification Body shall charge the following fees in accordance with the fee schedule:

- 10.1.1 Sampling Fee
- 10.1.2 Travel time fee
- 10.1.3 Certification fee

- 10.2 Testing fees shall be paid directly by client to the Independent Testing Laboratory that carried out the tests.

- 10.3 Fees shall be paid online by the supplier/client thru the agreed online payment channels.

Approved by HOU	Authorized by PCASM
Date of Issue : 06/09/2020	Rev. No. : 06
General / عام : Level of Confidentiality / درجة السرية	Page 5 of 5

Note: Printed copy of this document shall be treated as ‘Uncontrolled’. Always refer the controlled version ‘Online