

	Organization/ Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title:	Certification of Glazed Glass as per Related sections of Al Sa'fat and Dubai Building Code	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-RD-DP32-5103 (IC)	رقم الوثيقة:	

Table of Contents

REVISION HISTORY	2
INTRODUCTION AND SCOPE	3
PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE	3
DEFINITION OF TERMS	3
GENERAL REQUIREMENTS FOR CERTIFICATION.....	3
ISSUE OF TYPE 1 CERTIFICATE OF CONFORMITY	4

Approved by CQPSM	Authorized by CQPSM
Date of Issue: 04/07/2024	Rev. No. 11
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Issue Date	Rev. No.	Summary Of Amendments
06-07-2011	0	First draft for comments
12-07-2011	0	Final draft
21-07-2011	1	Issue for use
08-08-2011	2	Additional provision for re-sampling
06-08-2015	3	Aligning with ISO/IEC17067 by changing terminology to Type 1 Adding clause 3 for issuance of the certificate.
04-05-2016	4	Allowing Type 1a certification
25-12-2017	5	Amended to change the validity of the certificate.
01-07-2018	6	Updated the requirements as per 2017 Al Sa'fat Green Building Evaluation System; format updated as per DM unified template
11-04-2019	7	Updated as per new DM logo
12-05-2022	8	Revised to reflect the 2020 version of Al Sa'fat – Dubai Green Building System, Annex A were updated (sections 1 to 6). Updated the certification validity. Format updated with Dubai font. Other updates as highlighted. Alignment with the latest numbering and terminology system in DCLD.
07-10-2022	9	Changing section name as per the new organizational structure, and replace HOU by CQPSM (Section's Manager)
18-04-2023	10	Full re-structuring and transfer of common provisions to the general rule. Align with the updated SA'FAT and Dubai Building Code requirements. Removing of Annex 1 (refer to tables). Clauses are re-numbered and re-arrange, document title has been revised accordingly. Additional minor changes (highlighted). Use of New DM Logo.
04-07-2024	11	Changing the logo of the Government of Dubai with the latest design.

Approved by CQPSM	Authorized by CQPSM
Date of Issue: 04/07/2024	Rev. No. 11
General / عام : Level of Confidentiality / درجة السرية	Page 2 of 4

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1. INTRODUCTION AND SCOPE

- 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 Type 1 , 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 shall comply with these specific rules, and with those already mentioned in the “**General Rules for Type1 Product Certification Scheme**” (DM-DCLD-RD-DP32-5001(IC)).
- 1.3 Type 1a and Type 1b certification shall be issued based on the relevant provisions in the general rules DM-DCLD-RD-DP32-5001(IC).

2. PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

- 2.1 Product name: Glazed Glass
- 2.2 Applicable standard/Normative reference: AL SA'FAT-Dubai Green Building System-2nd Edition
January 2023- Clause 501.01B and E.5.2.3.2 & K.7.2.2.2 in
Dubai Building Code

3. DEFINITION OF TERMS

The definitions given in DM-DCLD-RD-DP32-5001 shall apply.

4. GENERAL REQUIREMENTS FOR CERTIFICATION

- 4.1 The process of application of applicant/client, product sampling, fees and condition for issuance of the Type 1 certificate of conformity shall be in line with the related provisions in the general rule and the standard specifications.
- 4.2 Sampling and Testing
- 4.2.1 For detailed sampling procedure - Refer to related provisions in the general rules of the scheme.
- 4.2.2 Based on the defined batch and the tests to be carried out as per clause [4.2.4], a “Sampling and testing plan” shall be prepared that will give details of the number of samples and the tests to be carried out on each selected sample. The applicant for certification shall agree to the sampling and testing plan.

Approved by CQPSM	Authorized by CQPSM
Date of Issue: 04/07/2024	Rev. No. 11
General / عام / Level of Confidentiality / درجة السرية	Page 3 of 4

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4.2.3 The sampling and testing plan shall take guidance from DM-DCLD-RD-DP32-5003 (IC) "Guidance for preparing sampling and testing plan"; and shall be prepared in such manner that will provide highest confidence that the sample represents the entire population of product being certified.

4.2.4 Tests to be carried out on each sample as per below table (The test shall be carried out at an independent laboratory, preferably at Dubai Central Laboratory Department-DCLD):

S/N	Properties to be Determined	Test Method	Requirements (as per REG)
1	Thermal Transmittance (Summer U-Value) in W/M ² K	EN 673, ASHRAE or any equivalent test method	As per clause 501.01 B Refer to Table 2 to 7 and Table K.13 (K.7.2.2.2) & Table E.5, E.6 and E.7 (E.5.2.3.2)
2	Shading Coefficient (SC)	EN 410 Clause 4.4 or any equivalent test method	
3	Light Transmittance	EN 410 Clause 4.2 & 4.3 or any equivalent test method	

5. ISSUANCE OF TYPE 1 CERTIFICATE OF CONFORMITY

5.1 The COC shall be issued based on the related provisions in the general rules.

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General / عام : Level of Confidentiality / درجة السرية	Page 4 of 4

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