
 GOVERNMENT OF DUBAI	<b>Organization/Unit:</b> إدارة مختبر دبي المركزي Dubai Central Laboratory Department	<b>الوحدة التنظيمية:</b> 	 بلدية دبي Dubai Municipality
	<b>Document Title:</b> Certification of Gully Tops and manholes tops for vehicular and pedestrian areas as per BS EN 124-2: 2015	<b>عنوان الوثيقة:</b> 	
	<b>Doc Ref.</b> DM-DCLD-RD-DP21-2116 (IC)	<b>رقم الوثيقة :</b> 	

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Issue Date	Rev. No.	Summary Of Amendments
08-08-2005	0	First draft for comments
20-09-2005	0	Final draft
24-09-2005	1	Issue for use.
15-07-2009	2	Document reference number and format is changed according to the new IMS, statement for the independent testing plan was changed, and the statement for surveillance was shortened by referring to RD-DP21-2096 (IC).
24-03-2019	3	Updated as per new DM template and new DM logo
21-07-2020	4	New amendment as per BS EN 124-1:2015 and BS EN 124-2:2015 standard, changing font type and some editorial changes. Reformatting to align with the common and latest and structure of specific rules. Also adding 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.
26-09-2021	5	Removal of the documents in clause 2.1.2, in addition to further amendment in the provision for accepting valid test reports ( clause 2.4.2.6), in line with DM 30% reduction of requirements (both service and specialized). Modifications in the auditing part for the factories already certified against ISO 9001 to opt for auditing only the areas of production and monitoring stages of product realization, quality control and final product testing and evaluation.
07-10-2022	6	Changing section name as per the new organizational structure, and replace HOU by CQPSM (Section's Manager), also addition of surveillance in the clause 2.4.2.6
27-03-2023	7	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

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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.

## 2. SCOPE


- 2.1 This specific rule specifies the requirements for gully tops and manhole tops made of flake graphite cast iron and/or spheroidal graphite cast iron whether in combination with concrete or not, with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic.
- 2.2 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: Gully tops and manhole tops for vehicular and pedestrian areas
- 3.2 Applicable standard/Normative reference: BS EN 124-2 :2015  
Gully tops and manhole made tops made of cast Iron  
BS EN 124-1:2015  
Definitions, classification, general principles of design, performance requirements and test method.
- 3.3 Additional reference:  
ISO 9001 Quality Management System – Requirements  
ISO 19011 Guidelines for Auditing Management Systems

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#### 4 DEFINITION OF TERMS

4.1 In addition to the definitions given in BS EN 124- 1 & 2 and the General Rule of the scheme [DM-DCLD-RD-DP21-2001 (IC)], the following shall apply:-


- 4.1.1 Standard Specification: BS EN 124-2 :2015  
Gully tops and manhole made tops made of cast Iron  
BS EN 124-1:2015  
Definitions, classification, general principles of  
design, performance requirements and test method

#### 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 with the following testing equipment as a minimum:
1. Hydraulic Test Press
  2. Equipment to measure dimensions (caliper, micrometer, Gages etc.)
  3. Any other testing equipment's which required as per the standard for factory production quality control plan.
- 5.3 Product Evaluation and testing
- 5.3.1 Test sample(s) for independent test shall be in accordance with section 6 of BS EN 124-2 or Section 8 of BS EN124-1 standard (Based on the product Type).
- 5.3.2 The product design and performance requirements shall meet the standard specification requirements as described in section 5.1 and Table 1 and product classification shall be as per section 4 of BS EN-124-1 standard.
- 5.3.3 Material – specific characteristics for gully tops and manhole tops made of cast iron shall comply with the section 5.3 of BS EN 124-2 of the standard specification and Section 5 of BS EN 124-1 standard.
- 5.3.4 Gully tops and manhole tops according to this standard specification shall be tested as complete units in the position of their intended use where the cover/grating is suitably positioned within the frame in accordance with BS EN 124-1 Clause 8 (As listed in Table 1).

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- 5.3.5 For Assessment and verification of constancy of performance - AVCP shall be as per section 7 of the standard specification Performance requirements shall be as per section 7 of BS EN 124-1.
- 5.3.6 Where required for specification and documentation purposes, product designation in accordance with the standard specification shall consist of:
- a- Name of product (manhole top or gully top); BS EN 124-2:2015EN 124-2:2015 (E) 19
  - b- The Standard Specification number (EN 124-2)
  - c- Load class (see 5.1); d) code related to the number of the parts of EN 124 series to which the cover and the frame complies according to Table 6.
- 5.3.7 Marking : Covers, gratings and frames of manhole tops and gully tops shall be marked as per section 9 of the standard specification.

5.4 The results of testing must meet the requirements as per the standard specification.

## 6 GRANTING OF THE DCLD CERTIFICATION

- 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 Fees shall be as per DM-DCLD-RD-DP21-2074 (IC) and other relevant provisions in the general rule.
- 6.3 DCLD-CQPS shall carry out surveillance of certified clients based on the approved periodic plans and related provisions in the general rule.
- 6.4 Appeals, disputes and complaints shall be in line with the relevant provisions in the General Rule.

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