Issue Date	Rev. No.	Summary Of Amendments
02-05-2019	0	First draft for comments
26-05-2019	0	Final draft
25-12-2019	1	Issue for use
06-09-2020	2	Add 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. Correction of numbering.
10-11-2020	3	Updated as per the new standard DMS-035-2020. Add provision for accepting valid test reports (where only verification testing is applicable). Changing the title
26/09/2021	4	Revised to reflect the 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), 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.

1. GENERAL

1.1 INTRODUCTION

1.1.1 This document prescribes the Specific Rules for the implementation of the DM Third Party Product Certification Scheme through factory assessment as applied to the specific product(s)/process identified herein, taking into consideration the applicable normative references and standard specifications in addition to the requirements for conformity evaluation as per DMS 035: 2020.

1.1.2 The client shall comply with these specific rules, and with those already mentioned in the "General Rules for DM Third Party Product Certification Scheme Through Factory Assessment", DM-DCLD-RD-DP21-2001 (IC).

1.2 SCOPE

This certification scheme applies to organizations involved in the manufacture of pre-engineered steel structures and/or their components. The manufacturing process includes (among others) design, preparation, fabrication, welding, assembly erection, corrosion protection, etc.

1.3 PRODUCT IDENTIFICATION AND APPLICABLE STANDARD/NORMATIVE REFERENCE

1.3.1 Product/process/service name: Design, fabrication, manufacture and erection of steel structures and components

1.3.2 Applicable Standard: DMS 035: 2020 "Requirements for The operation of organizations involved in the design, manufacture, fabrication and erection of steel structures and their components"

1.3.3 Additional References:

1.3.3.1 ISO 9001, Quality Management System – Requirements

1.3.3.2 ISO 19011, Guidelines for Auditing Management Systems

1.4 DEFINITION OF TERMS

In addition to the definitions given in the Applicable Standard/Normative Reference, and DM-DCLD-RD-DP21-2001(IC) the following shall also apply:

1.4.1 Factory production control system (Product Quality Assurance Plan) – a documented system being agreed upon both by the client and the DCLD-PCAS, to ensure continuous compliance of the certified product.

1.4.2 QMS - Quality Management System aligned with the requirements of ISO 9001 Standard

1.4.3 Client : The structural steel manufacturer

1.4.4 DM Certification Body: Dubai Central Laboratory Department-Products Conformity Assessment Section DCLD-PCAS

1.4.5 Standard Specification- DMS 035: 2019 "Requirements for organizations involved in the design, fabrication, manufacture and erection of steel structures and their components".

1.4.6 Authorized auditor : is any approved auditor by DCLD-PCAS either internal within DCLD or external (Approved CAB's auditor or approved auditor based on a signed contract)

2. REQUIREMENTS FOR CERTIFICATION

2.1 APPLICATION

2.1.1 The client shall apply to DCLD-PCAS for the Certification and the authorization to use the DCL Conformity Mark.

2.1.2 Application form shall be submitted by client to DCLD-PCAS.

2.1.3 Separate application shall be submitted for each product type or group of products that refers to a different specific rules

2.2 FACTORY OPERATION

2.2.1 Quality Management System

The client shall have a Quality Management System that is aligned to the requirements of ISO 9001 standard.

NOTE: Having a certificate of ISO 9001 is not a mandatory requirement; however the structure of the client's QMS shall be in line with its requirements.

2.2.2 Required Facilities and resources

The client shall have the necessary facilities and resources to carry out the scope of activities covered by the client application for certification, in accordance with the requirements of DMS 035 standard specifications.

2.2.3 Factory production control

The client shall operate a factory production control system to ensure that the product as defined above continues to comply with the requirements of the DMS 035 standard specifications.

2.3 INITIAL FACTORY AUDIT

2.3.1 Quality management system audit

Initial factory audit will be carried out by duly authorized auditor(s) which will cover auditing of the quality management system to verify its compliance with the requirements of ISO 9001, in addition to verify the implementation of DCLD-PCAS certification's requirements. Where possible; the audit can be carried out remotely as per (DM-DCLD-RD-DP21-2098 (IC) Guidelines for Remote Audit) or as per the related approved guidelines which are followed by the approved outsourced CAB.

NOTE: An independent certification to ISO 9001 issued by a QMS certification body recognized by DCLD-PCAS may be considered as having satisfied this requirement; however, the DCLD-PCAS may still opt to carry out verification audit to confirm that the factory is in compliance with requirements of DCLD certification schemes and rules, mainly the areas of production and monitoring stages of product realization, quality control and final product testing and evaluation.

2.3.2 Factory audit shall be conducted by designated audit team based on ISO 19011 – Guidelines for Auditing Management Systems

2.3.3 Audit of the factory production control

Authorized auditor shall audit the client implementation of a factory production control (FPC) system to ensure that products placed on the market conform to the declared performance characteristics. The FPC system shall consist of procedures, inspections and tests to control all aspects of manufacture, from checking the incoming goods up to delivery and acceptance by client of the finished product. The FPC system shall cover the following:

2.3.3.1 Personnel

The client shall be able to demonstrate that the personnel assigned to carry out tasks that will affect the quality and conformity of the finished product shall have appropriate competencies, responsibilities and authority.

- **a.** Tasks and responsibilities shall be documented;
- **b.** Competencies and trainings records are maintained including qualification of welding personnel and welding operators;
- **c.** Training needs are identified and training plans are prepared and implemented.

2.3.3.2 Equipment

The client shall be able to demonstrate that equipment influencing the conformity of the components are, where appropriate, calibrated, inspected, and maintained. Maintenance and calibration procedures are documented and calibration, inspection and maintenance records are maintained.

2.3.3.3 Structural design process

In the case of structural design carried out by the client, the FPC system shall ensure compliance with the design brief, identify the procedures for checking the calculations and those individuals responsible for the design.
The records shall be sufficiently detailed and accurate to demonstrate that the manufacture's design responsibilities have been carried out satisfactorily. A record of the documents shall be retained for a period defined in the manufacturers FPC procedure.

2.3.3.4 Constituent products and materials

The client shall have a system for verifying and ensuring that constituent products conform to the specifications and records are maintained and traceable.
The specification for the constituent products used in manufacture shall be retained according to the manufacturer's FPC procedures.

- **a.** Purchasing procedures established, documented and implemented;
- **b.** Incoming goods inspection procedures are established, documented and implemented;

c. Products identification system and traceability are maintained;

d. All records are maintained.

2.3.3.5 Component specifications

The manufacture of components shall be controlled using a component specification giving all the necessary information of the component in sufficient detail to enable it to be manufactured and for its conformity to be evaluated.

a. In a purchaser provided component specification, the purchaser provides the necessary technical information to manufacture the component. The information needs to include specification of all constituent products to be used for all parts of the component. The specification needs also to include all geometrical information needed and the relevant requirements for execution of the work. Any particular requirements for execution need to be given.

b. In a manufacturer provided component specification, the manufacturer develops the necessary technical information to manufacture the component and all its parts. In this case there are two options for the content of a declaration of conformity:

Option 1 - The manufacturer declares the geometry and the material properties of the component, and any other information needed to enable others to perform a structural design.

Option 2 - The manufacturer declares the geometry and the material properties of the component and the structural characteristics resulting from design of the component.

The manufacturer shall implement a documented inspection and test plan for checking and recording that manufactured components conform to their component specification. The component specification shall be prepared from design information.

2.3.3.6 Manufacturing process

The client shall maintain detailed documented procedures for the manufacturing process including welding procedure specifications (WPS), welding procedure qualification (WPQ), qualification of welders and welding operators and initial type testing (ITT) for every project.

2.3.3.7 Product assessment

The client shall establish procedures to ensure that the declared values and classes of all of the characteristics are maintained. The means of production control of characteristics and the sampling methods for a component or family to be evaluated shall be specified. If the component specification includes a prescribed inspection and test plan for component properties then those requirements shall be followed.

2.3.3.8 Non-conforming products

The client shall have written procedures that specify how to deal with non-conforming products. Such events shall be recorded as they occur and these records shall be kept for the period defined in the manufacturer's written procedures.

2.4 PRODUCT EVALUATION

Where applicable, independent test should only be conducted if the result of the in-plant test shows satisfactory result. DCLD-PCAS shall accept available valid test reports conducted by an approved DCLD-PCAS independent laboratory within one year from the date of the initial assessment, in line with the internal quality control testing plan of the factory. In such case, the testing of that particular parameter(s) shall be waived accordingly.

3. GRANTING OF THE DCL CERTIFICATION

3.1 CONDITIONS FOR GRANTING THE DCL CONFORMITY CERTIFICATION

3.1.1 When the results of the factory audit (clause 2.3) and product evaluation (clause 2.4) show conformity to the requirements specified in the General Rules and this Specific Rules, the manufacturer shall be granted a Certificate of Conformity to DMS 035 and shall be authorized to use the DCL Conformity Mark.

3.2 ISSUANCE OF DCL CERTIFICATE OF CONFORMITY AND DCL CONFORMITY MARK

3.2.1 If the conditions mentioned in clause 3.1 above have been complied, and the applicable fees have been paid, the client shall be issued the DCL Certificate of Conformity and a Scope of Certification that covers the scope of activities for which the client has been assessed and found in conformance with the DMS 035.

3.2.2 The client shall also be authorized to use the DCL Conformity Mark wherever applicable and in accordance with the Terms and Conditions for the use of the mark, (refer to clause [3.4]).

3.2.3 The Certificate of Conformity shall be valid for (1) one year and may be renewed subject to continuing compliance with the certification requirements and satisfactory results of surveillance audit.

3.3 RESPONSIBILITIES OF THE CERTIFIED CLIENT

3.3.1 The client shall ensure that his product, for which the Certificate of Conformity has been issued, conforms at all times to the requirements of the General Rules and Specific Rules and shall maintain to the satisfaction of DCLD-PCAS, the approved factory production control system.

3.3.2 The client shall give the duly authorized auditors),access during working hours, without prior notification, to the premises of the factory where certified product is manufactured, for the purpose of evaluating the materials, production processes, finished products, quality assurance facilities, records and others in accordance with the requirements of the scheme.

3.3.3 The client shall inform the DCLD-PCAS 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 certification 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 termination of certification in accordance with DM-DCLD-IMS-RD-07.

3.3.6 Any dispute that may arise in connection with the Terms and Conditions the certification scheme shall be settled in accordance with DM-DCLD-IMS-RD-08 Appeals, Disputes, and Complaints Procedure.

3.3.7 The client 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 DM-DCLD-IMS-RD-13 - Terms and Conditions for the Use of the DCL Mark.

3.4.2 The client shall submit samples of label/tag showing the DCL Conformity Mark, for approval by the DCLD-PCAS. The proposal shall include drawings and/or diagrams showing the location and size of the marking for each size of the product, where applicable.

3.4.3 The Certificate of Conformity and the authorization to use the DCLD Conformity Mark is non-transferable.

4. SURVEILLANCE

4.1 DCLD-PCAS or their authorized auditor shall carry out periodic surveillance to ensure consistent compliance with the requirements of this certification scheme as per DM-DCLD-RD-DP21-2096 (IC) – Surveillance of Certified Clients under the Factory Assessment Scheme.

4.2 If applicable, the surveillance shall include testing of product in accordance with the Independent Testing Plan that has been agreed between DCLD-PCAS and the Client.

5. FEE SCHEDULE

5.1 The client shall pay the applicable fees and charges related to the granting of the Certificate of Conformity and authorization to use the DCL Conformity Mark based on the DCLD-PCAS Official Fee Structure, DM-DCLD-RD-DP21-2074(IC).

5.2 The fees for this certification scheme shall include but not limited to the following;

5.2.1 Application Fee
5.2.2 Initial Assessment Fee
5.2.3 Certification Fee
5.2.4 Marking Fee
5.2.5 Surveillance Fee
5.2.6 Annual Renewal Fee
5.2.7 Testing Fee
5.2.8 Outsource CAB's fees (Where applicable)