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USACE / NAVFAC / AFCEC / NASA **UFGS-01 45 23.10 42 (November 2020)**

Preparing Activity: NAVFAC **Superseding UFGS-00 73 01 (August 2008)**

UNIFIED FACILITIES GUIDE SPECIFICATIONS

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SECTION 01 45 23.10 42

CERTIFICATIONS OF COMPLIANCE WITH ITALIAN LAWS
11/20

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NOTE: This guide specification covers Italian testing and certification requirements. This guide specification will normally be used for Category One and Category Two projects. It may be also used for smaller, complex projects as required by Italian requirements.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable item(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments, suggestions and recommended changes for this guide specification are welcome and should be submitted as a Criteria Change Request (CCR).

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PART 1 GENERAL

1.1 REFERENCES

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NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a Reference Identifier (RID) outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature

to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

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The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ITALIAN LAWS AND DECREES (D.M.)

DM No. 14	(January 14, 2008) Safety Norms for Technological Systems
DM No. 37	(January 22, 2008) Rules for Systems
D.L. No. 192	(August 19, 2005) Energy Efficiency
Law No. 1086	(November 5, 1971) Norms for Works in Reinforced Concrete and Steel and Application Instructions

1.2 SUBMITTALS

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NOTE: Review Submittal Description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project.

The Guide Specification technical editors have designated those items that require Government approval, due to their complexity or criticality, with a "G." Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item, if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

The "S" following a submittal item indicates that the submittal is required for the Sustainability eNotebook to fulfill federally mandated sustainable requirements in accordance with Section 01 33 29

SUSTAINABILITY REPORTING. Locate the "S" submittal under the SD number that best describes the submittal item.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

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Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are [for Contractor Quality Control approval.][for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] Submittals with an "S" are for inclusion in the Sustainability eNotebook, in conformance with Section 01 33 29 SUSTAINABILITY REPORTING. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-07 Certificates

Certified Credentials of Proposed Testing Personnel; G[, [_____]]

Static Load Certifier Qualifications; G[, [_____]]

Static Load Certification; G[, [_____]]

Certification of Hydraulic and Sanitary Systems; G[, [_____]]

Certification for Lifting Systems; G[, [_____]]

Certificate of Compliance for Fire Protection Systems; G[, [_____]]

Certificate Of Compliance for Pressurized Systems And Assemblies; G[, [_____]]

Conformity Certification For HVAC Systems; G[, [_____]]

Certification for Electrical; G[, [_____]]

Certification for Radio and Television Systems, Antennas, and Electronic Systems; G[, [_____]]

Certificate of Energy Performance (APE); G[, [_____]]

Certification of Distribution and Utilization Plants for Gases; G[, [_____]]

Certificate Of Compliance For Contract Work ; G[, [_____]]

1.3 ITALIAN CERTIFICATIONS PERSONNEL QUALIFICATIONS

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NOTE: Use this paragraph for projects in Italy. Edit the items in the list below to the types of work included in the project.

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Provide independent, third party Architects or Engineers, registered on the Italian Professional roles who meet the qualifications of DM No. 14,

DM No. 37, and Law No. 1086 to certify the systems required by these standards, and the system being certified. The required Architect or Engineer must have no involvement with the design, work direction and execution of the work. The Architect or Engineer must not be a company employee of the Contractor or any Sub-Contractor performing the work to be inspected. Prior to performing the tests, submit to the Contracting Officer the names and certified credentials of proposed testing personnel, engineer(s) or architects(s) they propose to perform the testing.

1.3.1 Static Load Certifier Qualifications

The static load test must be performed by an Italian Architect or Engineer who has been registered on the Italian professional rolls for at least ten years.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

3.1 TESTING AND CERTIFICATIONS

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NOTE: Edit this section for systems in project.
Delete those systems not included in the project.
Add any special systems required by
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Provide independent testing and certification of each of the following systems, and as required by DM No. 37, by Italian Certifications Personnel. Notify the Contractor at least 21 calendar days prior to testing of each system to enable the Contracting Officer to notify GENIODIFE. GENIODIFE may attend the testing. Testing and certification is in addition to that required by other specification sections in this contract. Provide two originals of each certification required by Italian Law.

3.1.1 Static Load Test

Perform static load testing, during and after construction, on load-bearing structures in accordance with DM No. 37 and Law No. 1086. Test in accordance with DM No. 14. When the the Cullaudo Statico is executed in a seismic zone, test compliance with seismic codes. Provide static load certification in accordance with DM No. 37

3.1.2 Hydraulic and Sanitary Systems

Test and provide certification of hydraulic and sanitary systems in accordance with DM No. 37.

3.1.3 Lift Systems

Test and provide conformity certification for lifting systems for people or loads by means of elevators, freight elevators, escalators, or similar in accordance with DM No. 37. Provide certificate for each elevator system.. Coordinate with other testing and certification required in this contract.

3.1.4 Fire Protection System

Test fire protection systems in accordance with DM No. 37. Provide certificate of compliance for fire protection systems in accordance with DM No. 37.

3.1.5 Pressurized Systems and Assemblies

Test and provide certificate of compliance for pressurized systems and assemblies in accordance with DM No. 37.

3.1.6 HVAC Systems

Test and provide system conformity certification for HVAC systems in accordance with DM No. 37. Provide certificate of compliance for heating systems above 100,000 Kal/hr in accordance with D.L. No. 192 and Laws that integrate and update this law up to the Three Inter-Ministerial Decree of June 26, 2015.

3.1.7 Electrical Systems

Test and provide system conformity certification for electrical power generation, transformation, transport, distribution, utilization plants; lightning protection systems; doors, gates, barriers automation systems; and grounding systems in accordance with DM No. 37.

Include a separate specific certificate of compliance for each electrical panel in accordance with DM No. 37.

3.1.8 Electronic Systems

Test and provide system conformity certification for radio and television systems, antennas, and electronic systems in general in accordance with DM No. 37.

3.1.9 Energy Performance

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NOTE: Use this paragraph for new buildings and major renovations (as defined by D.L. No. 192 and subsequent amendments and integrations).
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Test and provide Certificate of Energy Performance (APE) in accordance with D.L. No. 192.

3.1.10 Gases

Provide testing and system conformity certification of distribution and utilization plants for gases of any type, together with ventilation systems, including natural gas storage and distribution systems, in accordance with DM No. 37.

3.2 Construction Certification

As a condition of final acceptance of the work, provide a certificate of compliance for contract work certifying that the work complies with DM No. 37 and that the provided work is correct and safe for the designated use. Provide this certification from a responsible technician of the Installation firm, who has been continuously registered on the Installation National Professional Rolls of Italy for at least the last three years

-- End of Section --