

SECTION 01 45 00

CONTRACT QUALITY CONTROL

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**Notes: This Section is intended to include requirements for Builder's control of quality of products and workmanship.**

**This text relies on the provisions of the Technical Specifications Sections.**

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PART 1 GENERAL

1.01 REQUIREMENT INCLUDED

- A. Quality control of products and workmanship.
- B. Mix design.
- C. Manufacturer's instructions.
- D. Manufacturer's certificates [.] [and field services.]
- E. Equipment operations.
- F. Mockups.

1.02 RELATED REQUIREMENTS

- A. Section 01 42 00 - Reference Standards.
- B. Section 01 33 00 - Submittals
- C. Section 01 33 23 - Shop Drawings, Product Data and Samples
- D. Individual Technical Specifications Sections: Field samples and mockups.

1.03 DESCRIPTION

- A. Maintain quality control over supervision, subcontractors, suppliers, manufacturers, products, services, workmanship and site conditions, to produce work in accordance with Contract Documents.

1.04 WORKMANSHIP

- A. Comply with industry standards of the region except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.
- B. Provide suitably qualified personnel to produce work of specified quality.
- C. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration and racking.
- D. Provide finishes to match approved samples.

1.05 MANUFACTURER'S INSTRUCTIONS

- A. Require compliance with instructions in full detail, including each step in sequence.
- B. Should instructions conflict with Contract Documents, request written clarification from the Professional before proceeding.

1.06 MANUFACTURER'S CERTIFICATES

- A. When required in individual Specifications section, submit manufacturer's certificate, in duplicate, certifying that products meet or exceed specified requirements, executed by responsible officer of company.

1.07 MANUFACTURER'S FIELD SERVICES

- A. When required in individual Specification section, have [manufacturer] [supplier] provide qualified representative to observe field conditions, conditions of surfaces and installation, quality of workmanship, [start-up of equipment] [test, adjust, and balance of equipment] [\_\_\_\_\_] and applications, and to make written report of observations and recommendations to Professional.

1.08 MOCKUPS

- A. [Tests will be performed under provisions of Section \_\_\_\_\_.]
- B. Assemble and erect complete, with specified attachment and anchorages devices, flashing, seals, and finishes.
- C. [Acceptable mockups in place may be retained in completed work.]
- D. [Remove mockup and clear area when work of that section is complete and when approved by the Professional.]

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

END OF SECTION