

Colorado Procedure 11-19-1

Standard Practice for

Quality Management Plans for the Qualified Manufacturers List or the Approved Products List

1. SCOPE

- 1.1 This Standard specifies requirements and procedures for a certification system that shall be applicable to all referenced manufacturers, as well as suppliers and contractors within certain industries. Certifying a Manufacturer's Quality Management Plan is not an automatic acceptance of any particular product, but an acknowledgement that the Manufacturer has taken steps to ensure that their quality controls meet the applicable Industry standards. A Quality Management Plan, a Quality Control Plan, and a Quality System Manual are deemed synonymous for this standard.
- 1.2 Manufacturers whose Quality Management Plans are acceptable will be placed on the Qualified Manufacturers List (QML) or their products will be eligible to be placed on the Approved Products List (APL). Only Manufacturers required to be listed on the QML will be eligible to provide the referenced products to a CDOT project. The QML is located within CDOT's Approved Products List (APL) web site, at: <https://www.codot.gov/business/apl>

2. REFERENCED INDUSTRIES

- 2.1 With respect to this Standard there are two materials classes. This Colorado Procedure will be divided into two parts to correlate to these materials classes. Part I will be Standard Manufactured Materials of which upon acceptance of the manufacturer's Quality Control Plans the individual products submitted will be placed on the APL. Part II will be Fabricated Structural Materials of which upon acceptance of the manufacturer's Quality System Manual the individual production facilities will be placed on the QML. Each Part will be divided into Sub-Parts, which are a grouping of products or Manufacturers that have a certain commonality. Within each Sub-Part of this Colorado Procedure there will be instructions and guidance for the Manufacturers to become certified so that they can submit their manufactured products for inclusion in CDOT projects.

3. TABLE OF CONTENTS

Part I. Standard Manufactured Materials

- Sub-Part 1. Asphalt Binder
- Sub-Part 2. Asphalt Emulsion
- Sub-Part 3. Hydraulic Cement
- Sub-Part 4. Fly Ash
- Sub-Part 5. Hydrated Lime

Part II. Fabricated Structural Materials

- Sub-Part 1. Steel Reinforcing Bars & Steel Dowel Bars
- Sub-Part 2. Epoxy Coaters of Reinforcing Steel
- Sub-Part 3. Precast Concrete Structures

4. PRODUCT ACCEPTANCE

- 4.1 The majority of materials submitted for inclusion on CDOT projects will fall within one of four levels of product acceptance for their sampling and testing. CDOT always retains the right through its Quality Assurance (QA) Program to obtain samples for additional testing and require supplemental documentation.
- 4.2 The four levels of product acceptance are: Pre-Inspected (PI), Certified Test Report (CTR), Certificate of Compliance (COC), and Pre-Approved (through the APL).
- 4.3 A Manufacturer being placed on the QML is a completely separate activity from how their product(s) are accepted on a CDOT project. The specifics on product acceptance are addressed in the Special Notice to Contractors chapter and with additional reference in the Quality Assurance Schedule.

5. DECERTIFICATION

- 5.1 Certification may be withdrawn from suppliers when one or more of the following conditions exist:
 - 5.1.1 Failure to consistently supply material of a specific grade meeting specifications for three (3) acceptance samples as determined by CDOT test results.
 - 5.1.2 Failure to regularly participate in two (2) WCTG or equal "Round-Robins."
 - 5.1.3 Inadequate maintenance of required records.
 - 5.1.4 Improper documentation of shipments.
 - 5.1.5 A visit by CDOT's Representative to a supplier's facility reveals significant quality control problems.

- 5.1.6 Failure to maintain an acceptable quality control program.
- 5.1.7 Failure to comply with any additional decertification requirements found in the applicable Sub-Part of this Standard.

5.2 Notification of Decertification will be in writing.

6. QUALIFYING FOR RECERTIFICATION

- 6.1 If a supplier has been decertified and seeks to be recertified, then the Supplier Certification Requirements must be fulfilled, as per Section 6 of the applicable Sub-Part of this Standard.

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