

***National Type Evaluation Program  
Certificate of Conformance  
for Weighing and Measuring Devices***

**For:**

Wholesale Measuring Element  
Positive Displacement Meter  
Vehicle Tank or Stationary Mount  
Product: Liquid Concrete Admixture  
Model: I-75

**Submitted by:**

FMC Smith Meter Inc.  
1602 Wagner Avenue  
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**Standard Features and Options**

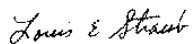
- This meter shall be marked with a statement such as "For the measurement of concrete admixture with a specific gravity of 1.0 to 1.25."
- 2 inch meter size
- Flow Rates:           Maximum = 60 gpm  
                                  Minimum = 12 gpm
- 150 psig maximum working pressure

**Options:**

- All iron trim
- Mechanical preset valves
- Register/printer
- Air eliminator

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: April 9, 1992



Louis E. Straub  
Chairman, NCWM, Inc.



G. Weston Diggs  
Chairman, National Type Evaluation Program Committee

Issue date: May 6, 1992

Note: The National Conference on Weights and Measures does not "approve", "recommend", or "endorse" any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

This is a reissuance by the NCWM of a Certificate of Conformance already issued by the National Institute of Standards and Technology.

**FMC Smith Meter Inc.**  
**Wholesale Measuring Element**  
**Model: I-75**

**Application:** This meter is approved for use in vehicle tank and stationary applications to measure concrete admixture liquids having a specific gravity between 1.0 and 1.25.

**Identification:** The permanent metal identification badge is riveted to the body of the meter.

**Sealing:** The meter calibration adjustment may be secured with a lead and wire security seal.

**Test Conditions:** Two Model I-75 meters were examined. Both meters were vehicle tank mounted. The configurations of each contained a meter register/printer, discharge valves, back pressure valves, flange, and an air eliminator. The meters were tested initially and subsequently after a throughput of 44,750 gallons on one meter and 185,861 gallons on the other. The tolerance for wholesale meters was applied (0.2 %). The results of the evaluation indicate the meter complies with the applicable requirements.

NOTE: Due to the foaming characteristics of the liquids being tested, the gravimetric method of testing was used.

**Type Evaluation Criteria Used:** 1992 Edition, National Institute of Standards and Technology, Handbook 44

**Tested By:** S. Barron (CA), G. Castro (CA)