



**Volumetric Mixer Manufacturers Bureau**  
**900 Spring Street**  
**Silver Spring, MD 20910**  
**(301) 587-1400 \* Fax (301) 587-1605**

## **Report Format to Obtain Plates for Volumetric Mixer Equipment** *For reporting by Owners of Equipment not plated by the Manufacturer*

The Volumetric Mixer Manufacturers Bureau (VMMB) is an organization comprised of manufacturers of volumetric mixers for concrete. The members of the Bureau can attach rating plates to equipment meeting the requirements of the Volumetric Mixer Standards of the Volumetric Mixer Manufacturers Bureau, VMMB 100-01. This reporting form is for use of owners of volumetric mixer equipment who wish to attach plates to equipment manufactured before the standards were established (January 2001). At the time of application, the manufacturer of the volumetric mixer unit shall be a current member of the VMMB.

Technicians certified by ACI or an equivalent program shall conduct testing for mixing uniformity in conformance with VMMB 100-01 and a registered engineer shall sign the report.

A separate evaluation, report and owner certification is required for each individual unit requiring a rating plate. The original manufacturer of the volumetric mixer unit shall check and verify the request for rating plates and submit the request with accompanying documentation to the VMMB, 900 Spring Street, Silver Spring, MD 20910. A copy of the standards is available from the VMMB by calling (301) 587-1400 ext. 121 or on the VMMB website at [www.vmmb.org](http://www.vmmb.org).

The volumetric mixer unit must meet the requirements of the following sections of Standard VMMB 100-01:

- 1.1 Bins, Silos or Tanks
- 1.2 Delivery Systems
- 1.3 Auger/Mixer
- 1.4 Standard Rated Unit Capacity
- 1.5 Production Rate

This form shall report data on the mixing uniformity evaluation in accordance with Sections 1.6 and 1.7 of the Standard. The equipment owner shall certify that the mixer unit meets the requirements of the VMMB 100-01 Standard and that the rating plate will be attached only to that unit.

***VMMB charges \$100 per plate requested to cover the costs of processing each application, as well as the cost of the plate itself. All applications should be forwarded with a check made payable to "Volumetric Mixer Manufacturers Bureau" with the appropriate amount of funds in US dollars.***

**Report Form to Obtain Plates for Volumetric Mixer Equipment  
For reporting by Owners of Equipment not plated by the Manufacturer**

**Qualification of Volumetric Mixers for Mixing Uniformity  
(Section 1.6 and 1.7 of VMMB 100-01)**

Manufacturer			
Mixer Serial No.			
Standard Rated Capacity	(Table 1 of VMMB 100-01)		
Evaluation Date			
Location			
Production Rate			
Target Batch Size	cu. yd. (m <sup>3</sup> )	Actual Yield	cu. yd. (m <sup>3</sup> )

**Materials**

Material	Characteristics	Mix Design, lb./cu. yd.	Actual Batch Quantities, lb.
Cement			
Fly Ash / Slag			
Coarse Aggregate			
Fine Aggregate			
Water			
Air Entrain Admix.			
Other Admix.			

**Notes for material characteristics:** For cementitious materials indicate: ASTM Type and/or Classification; For coarse aggregate indicate: ASTM Size; specific gravity (bulk-dry or SSD); dry-rodded unit weight; absorption; and moisture content prior to batching; For fine aggregate indicate: specific gravity (bulk-dry or SSD); fineness modulus (FM); absorption; and moisture content prior to batching; Report Mix Design values in terms of dry or SSD weight of aggregates and indicate which; Report the actual batch quantities based on recording of calibrated controls for each material ingredient.

**STATEMENT OF CERTIFICATION**

Our company hereby certifies that this mixer unit meets the requirements of Sections 1.1 through 1.5 of VMMB 100-01 and that the storage volumes comply with the minimum requirements for the rated capacity stated above. We further certify that the VMMB rating plate will be attached to the unit referenced in this report.

Certified by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of Owner Company Official

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Verified & requested by \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of Official of Volumetric Mixer Manufacturer

Printed Name: \_\_\_\_\_

Company \_\_\_\_\_

Date Submitted to VMMB \_\_\_\_\_

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**Report of Uniformity Tests**

Test	Sample 1	Sample 2	Range	Limit
Slump, in.				<b>1.0 or 1.5</b>
Air Content, %				<b>1.5</b>
Measured unit weight, lb./cu. ft.			Avg.	N/A
Concrete Air-free unit weight, lb./cu. ft.				<b>1.0</b>
Coarse aggregate content, %				<b>6.0</b>
7-day compressive strength, psi	Cylinder Size: (4 x 8 in. or 6 x 12 in.)			
	Cylinder 1		N/A	N/A
	Cylinder 2		N/A	N/A
	Average			<b>7.5%</b>

Testing Agency			
Address			
Phone		Fax:	
Responsible Official			
Field Technician 1		Certification	
Field Technician 2		Certification	
Laboratory Technician		Certification	
Note Deviations from Testing Standards			

The evaluation and testing for the mixing uniformity was conducted in accordance with the Standards of the Volumetric Mixer Manufacturers Bureau and pertinent ASTM Standards

\_\_\_\_\_  
Signature of Responsible Official of the Testing Agency

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

Engineers Seal
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For VMMB Use
Reviewed and approved _____ Date: _____