



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Meter Indicating Volume
Water Meter, Multi-jet
Model: MJ19 5/8" C, MJ19 5/8" H, MJ20 3/4" C, MJ20 3/4" H
Size: 5/8", 3/4"

***Submitted By: Contact Info. Updated December 2025**

Meter Technology Werks
3201 Queen Palm Drive
Tampa, FL 33619
Tel: 352-362-0302
Contact: Martin Cole
Email: martin@mtw.us.com
Website: www.mtw.us.com

Standard Features and Options

Model	Size In Inches	Flow Rates	Construction Material
MJ19 5/8" C	5/8"	0.25 – 20 GPM	Polymer
MJ19 5/8" H	5/8"	0.25 – 20 GPM	Polymer
MJ20 3/4" C	3/4"	0.5 – 30 GPM	Polymer
MJ20 3/4" H	3/4"	0.5 – 30 GPM	Polymer

Standard Features:

- Multi-Jet Water Meter
- Eight-Wheel Odometer-Type Register
- Unit(s): U.S. Gallons
- Polymer Housing Register
- Magnetic Drive Register
- External Threaded Fittings
- Flow Direction Arrow Cast On The Meter Case
- Maximum Operating Pressure: 150 psi

Options:

- Cold Water and Hot Water Meters
- Automatic Meter Reading (AMR) Pulse Output (functions were not evaluated)

NOTE: Approved for use only when installed according to the manufacturer's instructions in a horizontal position with the register facing up and with register on the side or in a vertical up or vertical down position with the register on the side.

This device was evaluated under the National Type Evaluation Program 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. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Marc Paquette
Chair, NCWM, Inc.

Gene Robertson
Chair, NTEP Committee
Issued: September 20, 2024

9011 South 83rd Street / Lincoln, Nebraska 68516

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Meter Technology Werks

Meter Indicating Volume / MJ19 5/8" C, MJ19 5/8" H, MJ20 3/4" C, MJ20 3/4" H

Application: Certified for use in submetering networks and optional consumption monitoring in a face up horizontal position, vertical up and vertical down position.

Identification: The manufacturer's name, model number, unit of measure, meter size, National Type Evaluation Program (NTEP) Certificate of Conformance (CC) number, AMR pulse and units (if it has AMR capability) is printed on the register face. The flow direction arrow and size are cast on the meter body.

Sealing: The meter is sealed with a seal and security wire that is threaded through the fixed register collar and through a hole in a rib on the meter body (this also sealing the measuring chamber). The factory seal uses the same sealing provisions and should be left in place for warranty purposes.

Operation: This is a velocity type meter where in-flowing water, distributed by multiple jets, flows past an impeller in the measuring chamber, creating an impeller velocity directly proportional to water velocity. The meter's register interprets the flow velocity in volumetric U.S. gallons.

Test Conditions: This certificate supersedes Certificate of Conformance Number 24-039 and was issued without additional testing to clarify the position of the meter during the evaluation testing. Previous test conditions are listed below for reference.

Certificate of Conformance Number: Four 3/4" water meters were tested with cold water (horizontal with register up, horizontal with the register on the side, vertical up or vertical down with register on the side) and three 3/4" water meters were tested with hot water (140-degree F) for accuracy and repeatability. After passing the initial evaluation requirements from NCWM Publication 14 and a throughput of more than 200 000 gallons through each meter, the meters were retested in the same positions. All flow rates and test results were within tolerance and repeatability requirements as specified in the 2024 Edition of NIST Handbook 44.

Evaluated By: A. Katalinic (NCWM/NTEP) 24-039 (CN 11038); 24-039A1 (CN 11204)

Type Evaluation Criteria Used: *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2024 Edition. *NCWM Publication 14: Measuring Devices*, 2024 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM), 24-039, 24-039A1



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Meter Indicating Volume / MJ19 5/8" C, MJ19 5/8" H, MJ20 3/4" C, MJ20 3/4" H

Example(s) of Device:

