



# Meter and Backflow Services

210 Sheep Davis Road, Concord, NH

(800) 356-1717 • (603) 224-8425

## Meter Services

### Meter & Backflow Services, a Division of E.J. Prescott, Inc.

Meter and Backflow Services (MBS) is a subsidiary of E.J. Prescott, Inc. which provides specialized services in the areas of engineered water products. These products include metering devices, chart recorders, chemical monitoring devices and other items essential to water conservation and treatment.

#### Complete Meter Services

##### Testing

Studies show that approximately 60% of a utility's revenue is realized through 10% of its metering system. This percentage represents the revenue generated by commercial size meters. The "bottom line" impact of large meters cannot be overemphasized.

Experienced MBS technicians provide field and bench testing of residential and commercial water meters of any brand or size. Testing can be accomplished either in the field or at our complete testing facility in Concord, NH. Every attempt is made (if requested) to ensure same day service and meters are often returned by "overnight express." Our testing facility is equipped with an Akron test bench for testing 3/8" to 1" meters and an Indianapolis test bench for testing 1 1/2" & 2" meters. All meters are tested in accordance with AWWA recommendations and all testing equipment is certified by the New Hampshire Bureau of Weights and Measures. Computer-generated test results are produced for each meter tested. Trust MBS as your "independent audit firm" when meter accuracy is questionable, or for gauging the accuracy of your benches.

##### Full Bench Testing

MBS has the capability to test and calibrate large numbers of meters at a competitive price. If you have a need for bulk meter testing services, please call MBS or your local EJP sales office for more information.

##### Installations

MBS managers and technicians are adept at accomplishing meter change-out programs. Whether you have a need for changing out one meter or an entire system, MBS has the experience and know-how to make it happen on time, every time and within budget.



Refurbished meters getting new registers, chambers and gaskets

##### Maintenance

MBS can repair all brands of meters at our fully equipped Concord, NH facility. Sensus customers can receive "Local Warranty Support" from our fully-stocked meter parts inventory.



Old brass main cases are sandblasted and painted as part of the refurbishing process.

##### Water Meter Surveys

Proper meter sizing results in lower capital expenditures and increased revenue through accurate billing and use registration. Oversized meters allow precious water to slip by unmeasured, while undersized meters wear quickly and cause headloss complaints. To be sized properly, most commercial and industrial establishments must be carefully surveyed to determine the expected high and low flow rates. MBS personnel have the experience to select the proper metering style and size for nearly every application.

##### Rate of Flow Testing

MBS provides rate-of-flow testing to assist the water superintendent in demand monitoring, meter sizing, customer rate structuring, leak detection and conservation programs. Our rate-of-flow testing is most appropriate for utilities or businesses who lose thousands of dollars each year due to oversized commercial meters.

##### Field-Testing

MBS technicians can test your large meters in-the-field using a factory certified tester. We can calibrate and repair Sensus meters on site and in place if required. We can pump out meter pits and work in confined spaces, if necessary. MBS provides the know-how and experience to get the job done.



Confined space meter change-out installation. Technician is wearing a harness with gas detector and safety equipment.

### Meter Services



An old meter (top) is changed-out with a completely refurbished Sensus meter (bottom). Including a new register, chamber and gaskets.



New Sensus Compound Meters are installed.



Large turbo meter before change out (see below).



MBS does complete meter pit installations. We provide all the materials and excavation required for a complete installation. We also will be happy to work with the customer's excavator.

Meter pit installations are key to finding water leaks on long runs of water pipe that are outside the water department's responsibility. Leaks in long runs of pipe on residential land can result in a loss of revenue for the water department. A meter pit installed after the curb shut-off on a residential water line will reveal any leaks which will be reflected in the homeowner's water bill.



Large meter change out with butterfly valve to allow right-sized meter to fit in tight application. Right-sizing results in increased readings due to less water being lost on the low or high flow of the meter.

### Backflow Services

#### Complete Backflow Preventer Services

Backflow prevention is not just a question of public safety; in most states it's the law.

##### Administration

The entire cross connection control program, from initial survey through installation, routine testing and maintenance, can be performed by our trained technicians. Cross connection control ordinances can be customized to suit your water utility's special needs. We can also provide water utility personnel with training programs to allow for the eventual self-reliance of the Backflow Prevention System.

##### Automatic Scheduling

For customer convenience, MBS can schedule backflow and meter testing at an agreed upon schedule. At the scheduled time (usually 6 months, 1 year or 2 years) we will call to set up the next testing.

##### Surveys

Meter & Backflow Services can perform cross connection control surveys to select the correct size and type of Backflow Prevention Device based on water use, degree of hazard and local ordinances and regulations.

MBS will survey individual buildings, industrial plants or an entire municipal system.

##### Installation

MBS technicians can install Backflow Prevention Devices appropriate for residential or commercial applications.

##### Testing

Backflow device testing is available for one device or a whole system. Certified test results can be mailed directly to the proper authority in hard copy or in the form of electronic data files.

##### Repair/Maintenance

Same day service is often available for those in need of immediate Backflow Prevention.

##### Backflow Repair Parts

Repair parts for almost any make and model backflow preventer are available through MBS. We need to know the manufacturer, model number, size and age (if you know it). Call Meter & Backflow Service's experienced staff for assistance in ordering the correct parts for your backflow preventer.

##### Tester Calibration

MBS performs calibration and certification on all makes and models of Backflow Prevention Testing Equipment. Expedited testing and calibration services are available on request.

##### Backflow Testing Equipment

The Meter & Backflow Service (MBS) staff is experienced and knowledgeable about many of the Backflow Testing Devices available. Call us for assistance in deciding which testing device will work best for you.



Backflow Prevention Testing Devices

### Additional Services

#### Additional MBS Services

##### Data Industrial Meters

Beginning with a comprehensive survey, MBS provides specific recommendations for the “in-line” installation of Data Industrial Meters. These innovative metering systems are an inexpensive means of monitoring flows in the following applications: HVAC, irrigation and pump control, industrial process and municipal flow monitoring.

##### Plant Surveys

Accurate sizing and application of meters and feed pumps is essential to ensure the efficient and safe operation of a water treatment system. MBS technicians will survey treatment plants from end to end and gather data which is crucial to selecting the appropriate type of meter or pump to be used.

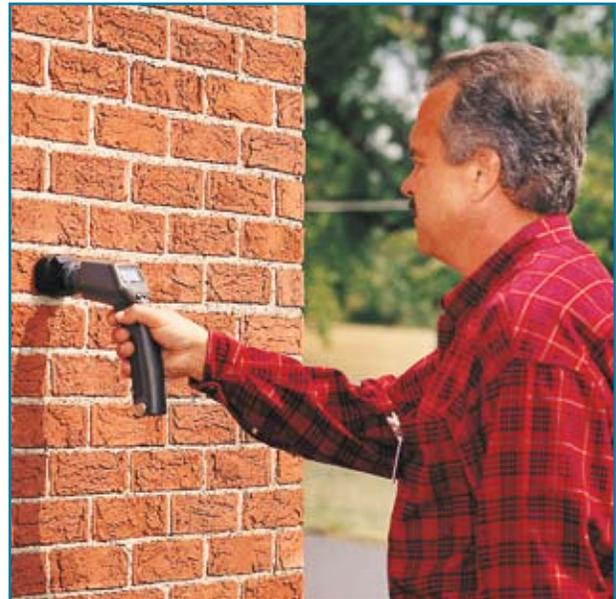
##### Fluid Measurement Control Engineering

MBS employees are consummate professionals who are experts in the specialized area of metering and pump technology. Ask for our advice when faced with challenging requirements and applications.



##### Reading and Billing Services

Water purveyors can rely upon MBS to furnish total meter and billing services. These services generally include meter installation, testing and repair. Continuing services include reading, customer relations and ongoing maintenance. This service is a viable alternative for departments which are understaffed or faced with fiscal challenges. MBS will work with you to design a package that is economically feasible and tailored to the particular needs of your utility.



##### Product Line

The following products are available through MBS or your nearest TEAM EJP distributor.

- Water Meters (Encoder Registers)
- Backflow Preventers
- Backflow Repair Parts
- Chart Recorders
- Data Industrial Meters
- Service Brass and Copper
- Chemical Monitoring Devices
- Propeller and Flow Meters

**NOTE:** To receive more information on MBS services please ask your local EJP sales representative or contact MBS customer service department at (800) 356-1717.



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## Meter Services

### MBS REBUILT/TEST METER ORDER FORM

DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

CUSTOMER: \_\_\_\_\_ EJP LOCATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ SALESMAN: \_\_\_\_\_

\_\_\_\_\_ PO# \_\_\_\_\_

PHONE #: \_\_\_\_ - \_\_\_\_ - \_\_\_\_\_ EXT. \_\_\_\_\_

QTY	SIZE	METER TYPE	TEST/BUILD

**PLEASE CALL 1-800-356-1717 FOR SHIPPING INSTRUCTIONS**

CARRIER \_\_\_\_\_ PRO# \_\_\_\_\_

**SHIP TO:**  
**METER & BACKFLOW SERVICES**  
**DIV. OF E.J. PRESCOTT, INC.**  
**210 SHEEP DAVIS ROAD**  
**CONCORD, NH 03301**

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