

# Rebuilding or Remanufacturing

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## Background

What are the criteria for being a Gas Pump Remanufacturer? What federal and state standards and regulations apply to them?

A number of pump and meter service firms throughout the country buy and resell used pumps, many of them being sold as remanufactured. NIST and the NCWM both expressed concerns about these practices and studied the matter from 1999 through 2002. It was clear these types of processes and firms had to be identified and NIST Handbook 44 Code Requirements applied.

NCWM Annual Reports reflected studies done and rulings made. NIST Handbook 44 was amended to include requirements for these devices.

- 📄 [NIST Handbook 44 Sec. G-S.1.2., Definitions P.D-11 and D-17](#)
- 85<sup>th</sup> NCWM Annual Report, S&T, 2000; 86<sup>th</sup> NCWM Annual Report, S&T, 2001; 87<sup>th</sup> NCWM Annual Report, S&T, 2002

## Definitions

- “manufactured device” - any commercial weighing or measuring device shipped as new from the original equipment manufacturer.[1.10]
- “remanufactured device” - a device that is disassembled, checked for wear, parts replaced or fixed, reassembled and made to operate like a new device of the same type.[1.10]
- “remanufactured element” - an element that is disassembled, checked for wear, parts replaced or fixed, reassembled and made to operate like a new element of the same type.[1.10]
- “repaired device” - a device to which work is performed that brings the device back into proper operating condition. [1.10]
- “repaired element” - an element to which work is performed that brings the element back into proper operating condition. [1.10]

SOURCE: NIST Handbook 44 2013 Edition.

## Code Interpretation

- Rebuilders or Remanufacturers can do so, provided they repair or replace components with the same model originally installed by the manufacturer. In addition, the device shall be returned to compliance with all NIST Handbook 44 codes.
- If a Pump Rebuilder or Remanufacturer would replace components in a previously NTEP approved device with those of another model or those that were not NTEP approved for that particular application, that specific dispenser, and any others like it, would have to be submitted for NTEP approval.

- Rebuilders or Remanufacturers shall clearly identify each petroleum dispenser with a tag designating the device as “Remanufactured By” and the company name and address. If the unit has a model designation different than that of the original manufacturer, this new model number shall also appear on the tag. All of this information shall be clearly and permanently marked on each unit, but not necessarily on an outside surface (G-S.1.2). The dispenser shall also meet Handbook 44 G-S.1. marking requirements.
- Pump Rebuilders or Remanufacturers operating in Wisconsin have to be licensed as a Service Company and have Registered Technicians per Section 92.20-92.24 of the Wisconsin Administrative Code.

### **Examples**

- A Dispenser Remanufacturer:
  - a. One who pressure washes all internal surfaces, tests all hydraulic and electric functions replacing any defective parts, and paints or recoats, or replaces all outside panels of the Cabinet.
  - b. One who represents the equipment as “rebuilt”, “remanufactured”, or “refurbished”, and normally would provide a warranty to that effect.
- A Service Company Selling Used Equipment:
  - a. One who takes a used device, repairs only obviously broken parts.