

NEW JERSEY DEPARTMENT OF LABOR AND INDUSTRY  
Percy A. Miller, Jr., Commissioner

LABOR DIVISION

MECHANICAL ENGINEERING BUREAU

RULES COVERING PRESSURE VESSELS, FIRED AND UNFIRED

ORIGINALLY APPROVED  
June 1, 1921

AMENDING AND SUPPLEMENTING  
REVISION OF January 1, 1951  
APPROVED June 10, 1952

The following Pressure Vessel Regulations are issued pursuant to the authority vested in the Commissioner of Labor and Industry, his deputies, boards, and commissions, under Title 34 of the Revised Statutes:

1. All pressure vessels used as containers of air, steam, gas, or liquids shall be constructed and installed in accordance with New Jersey approved rules and regulations.
2. Pressure vessels, to meet these requirements, must be constructed and installed in accordance with the American Society of Mechanical Engineers' pressure vessel code rules, and stamped with the American Society of Mechanical Engineers'-National Board of Boiler and Pressure Vessel Inspectors' Symbol. A pressure vessel may be stamped "New Jersey Standard", "New Jersey Special", or "New Jersey Approved" when it has been inspected by a New Jersey authorized inspector and approved by the Mechanical Engineering Bureau.
3. Pressure vessels shall be shop inspected, tested, and stamped by an inspector employed by a state or insurance carrier who has a valid National Board of Boiler and Pressure Vessel Inspector's certificate.
4. Pressure vessels constructed and installed in accordance with the American Petroleum Institute code and shop inspected by a continuously employed oil refinery company inspector registered with the Mechanical Engineering Bureau and whose inspections and such installations are approved and registered with the Bureau, are acceptable for use in oil refineries in this State and may be stamped with the American Petroleum Institute-American Society of Mechanical Engineers' Symbol.
5. The fee for inspections conducted by a State employed Steam Boiler and Pressure Vessel Inspector shall be six dollars (\$6.00) per vessel, with a minimum fee of twenty-five dollars (\$25.00) per day or part thereof, plus inspector's transportation charges.

REGISTRATION

6. Any pressure vessel stamped with the American Society of Mechanical Engineers'-National Board of Boiler and Pressure Vessel Inspectors' Symbol is acceptable for use in this State without further registration providing a Manufacturer's Data Report for said pressure vessel is registered in this Bureau by the National Board of Boiler and Pressure Vessel Inspectors.
7. A Manufacturer's Data Report must be filed with the Mechanical Engineering Bureau, with a fee of two dollars (\$2.00) for each such pressure vessel that is not registered in this Bureau by the National Board of Boiler and Pressure Vessel Inspectors.



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E X E M P T I O N S

1. Pressure vessels of the following internal volumes must be constructed in accordance with these rules, but are exempt from constructional shop inspection: 5 cubic feet or less and over 15 and under 250 lbs. per square inch gauge; 1½ cubic feet or less exceeding 250 lbs. per square inch gauge.
2. Pressure vessels which are subject to Federal Control.
3. Interstate Commerce Commission stamped vessels of five (5) cubic feet capacity and under, used within the State under Interstate Commerce Commission Regulations.
4. Interstate Commerce Commission stamped pressure vessels of over five (5) cubic feet capacity, and used in interstate service.
5. Vessels containing water at or below 250° F.
6. Vessels for containing only water under pressure for domestic supply, including those containing air, the compression of which serves only as a cushion.
7. Pressure vessels having a maximum allowable internal or external working pressure of fifteen (15) pounds per square inch gauge or less, irrespective of size; or having an inside diameter of six (6) inches or less, irrespective of pressure.

EFFECTIVE JULY 1, 1952

A. G. ERHOLM  
~~JOHN SCOTT~~, Deputy Director  
Division of Labor  
Bureau of Mechanical Engineering

NOTE: Data reports should be filed in duplicate. One copy, when approved, will be returned to user of vessel. Where reports are not filed, the vessel will be subject to inspection and State inspection fees.