



TSI *TODD STREET INC.*
STAINLESS STEEL FABRICATORS
SANITARY TANKS & COMPONENTS

**CERTIFIED ASME AND NATIONAL BOARD
PRESSURE VESSEL COMPANY.**

(Section VIII, Division I)

Pressure Vessel Services

- Pressure Vessel Fabrication • Pressure Vessel Repair
- Process and Storage Tanks • Dimple Jacketed Vessels
- Mixing Tanks • Mixing Kettles

**FIELD SERVICE AVAILABLE
CERTIFIED REPAIR AND ALTERATIONS**

**SERVING THE PHARMACEUTICAL, FOOD, DAIRY,
BEVERAGE, AND COSMETIC INDUSTRY SINCE 1987**

What is the minimum design pressure requiring ASME construction?

Design pressures exceeding 15 psig are generally ASME labeled and considered ASME pressure vessels

What is the maximum design pressure covered by ASME Section VIII, Division 1?

The maximum design pressure for ASME pressure vessels covered by ASME Sec. VIII, Division 1 is 3,000 psig.

What is the difference between an unfired and a fired pressure vessel?

A fired pressure vessel is any pressure vessel that receives heat. The vessel may be partially or fully subjected to the heat source and the heat may be received either directly or indirectly. Fired pressure vessels require special precaution since they can overheat leading to safety concerns.

What are Dimple Jacketed Pressure Vessels?

Sheet type materials welded directly to the vessels. This method provides better heat transfer than clamp on style. Does not require an increase in shell thickness due to jacket pressure.

What is a Pressure Vessel repair per code?

The NBIC clearly defines who is and who is not authorized to conduct repairs that fall under the code, like fortifying corroded welds. To perform repairs governed by the code, repair shops must be certified by the National Board to use the proprietary R-stamp. This certification ensures the qualification of the servicer to meet the necessary design, materials, and quality standards of the code.

ASME (American Society of Mechanical Engineers) Certificate of Authorization to U stamp (2023)
National Board Certificate of Authorization to register and repair pressure vessels using the NB & R stamps

