



Container Design Guidelines and Certifications

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Cryogenic vessels that are transported over public roads come under the jurisdiction of the Hazardous Materials regulations of the Department of Transportation. Under those regulations, vessels that operate at less than 25 PSI are exempt from the requirements, and as such, are unregulated.

The ASME Boiler and Pressure Vessel Code, as related to cryogenic vessels, is usually invoked at the discretion of the customer, depending upon the application.

In keeping with good manufacturing practices (although not specifically required) Cryofab designs and fabricates all pressurized portable cryogenic vessels according to our Quality Control Program, which includes the following:

Inner Vessel Material:

ASME SA-240, type 304, Stainless Steel

Design Guideline:

ASME Section VIII and or DOT, Specification 4L

Welding Procedures:

Qualified in accordance with ASME, Section IX and or DOT 4L

Safety Devices:

In accordance with CGA pamphlet S1.1, Paragraph 5.9.3, with exceptions.

Jacket Relief:

In accordance with CGA Pamphlet 341

1.800.426.2186

Call for information about repair and refurbishing services. Visit parts.cryofab.com for replacement parts.