



Stationary, High-Pressure CNG Storage

- Pressure rating 5,500 psi
- ASME Sec VIII, Div. 1
- National Board registered
- NFPA 52 4.4.5
- Lifetime Test
- Customized assembly matched to installation site
- Sized for your payload requirements
- Cascade filling manifolds/controls available

Tubes that are certified by the American Society of Mechanical Engineers (ASME) are used to store high-pressure CNG and usually remain stationary.

ASME tubes are an important part of numerous stationary gas storage applications, including CNG fueling stations. Currently, unlike DOT tubes, periodic requalification of ASME pressure vessels is not required by ASME code. Often, ASME pressure vessels are used in conjunction with other means of storage. For example, to improve the efficiency of the compressor and filling systems FIBA offers a complete system that incorporating a packaging manifold. When used together, these accessories can accommodate fast-filling operations with optimal efficiency.

Whether new or like-new, our stationary, receiver assemblies are manufactured in accordance with ASME codes and shipped completely assembled (excepting, in some cases, the vent stacks on the safety relief valves). Our assemblies are also designed to comply with the recommendations of the Compressed Gas Association (CGA) and the National Fire Protection Association (NFPA). ASME assemblies to meet nearly any gas capacity and dimensional requirements can be fabricated. When we offer tubes from our inventory, all other components are new.

CNG - Operating Pressure 5,500 PSI (379 Bar); 20 In. O.D.

LENGTH		VESSEL WEIGHT		WATER VOLUME		CNG PAYLOAD	
FEET	METERS	LBS	KG	CUBIC FEET	LITERS	STANDARD CUBIC FEET	NORMAL CUBIC METERS
11'6"	3.5	3,402	1,543	17	481	6,350	180
23'	7.0	6,790	3,079	34	965	12,730	360
38'	11.5	11,208	5,083	58	1,631	21,580	611

* Listed above are our standard options. Custom lengths are available.

