



## BAYCAR 16" DIAMETER AN-FO TANK



Baycar's 16"Ø AN-FO (Ammonium nitrate-fuel oil mixture) tank is available in various capacity ranges from 75 Lbs to 250 Lbs. of mixture. Capacities are based on achievable filling volumes. Now available up to 100 psig design pressure, with a typical operating range of 30 to 60psi. Our AN-FO tanks are constructed of non-magnetic, corrosion resistant stainless steel. Grades available are 304, 316 and 316L, depending on your environmental conditions.

Developed in conjunction with numerous clients from the mining community, the vessels are adaptable to most pneumatic loading operations. Our flexible designs allow numerous options. Each vessel is designed, registered, manufactured, tested and certified to the latest edition of the "A.S.M.E. Code, Section VIII". Vessels also meet the requirements of the O.H.S.A. and regulations for Mines and Mining Plants, PART VI "EXPLOSIVES".

We also repair, register and certify existing pressure vessels.

Our experienced Sales personnel are always ready to provide technical support and assist you in selecting the best configuration of standard and optional equipment to meet your needs. Our Engineering department can also work closely with clients, pneumatic loading equipment suppliers and carrier fabricators to develop custom AN-FO loaders. Also available are the 24" Ø, 36" Ø and our 42" Ø AN-FO tanks.

### Standard

- up to 100 psig Design Pressure
- Manual closer loading assembly
- Standard 30° Bottom cone
- Standard 1 ½" Ø NPT outlet coupling

### Optional

- Mounting stand c/w base plate

### Baycar Certificates

TSSA certificate of authorization for the manufacture of pressure vessels

- Fabrication and assembly of power piping in accordance with CSA-B51 and ASME B31.1.
- Fabrication and assembly of process piping in accordance with CSA-B51 and ASME B31.3.
- Repair and alteration of boilers, pressure vessels, piping and fittings in accordance with CSA B51.

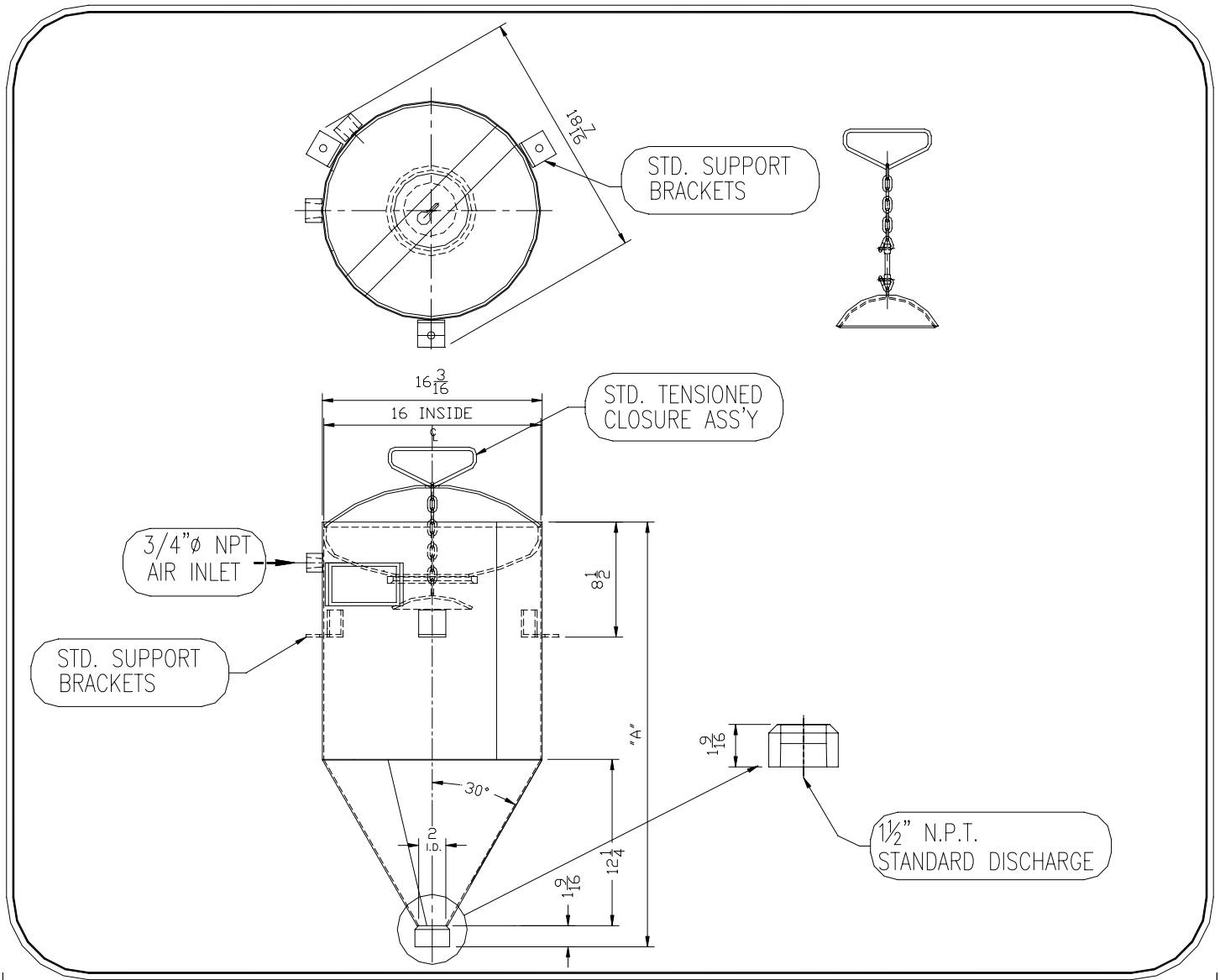
A.S.M.E. certificate of authorization for the manufacture of pressure vessels & the use of the "U" code symbol

The National Board of Boiler & Pressure Vessel Inspectors certificate of authorization

Registered to I.S.O. 9001-2000



*"After sales support" is a Baycar Standard*



**SAMPLE TABLE SHOWING SOME EXAMPLES FOR VOLUMES AND HEIGHTS \*\***

<b>DIA (INCHES)</b>	<b>CAP (LBS)</b>	<b>VOLUME (ft<sup>3</sup>)</b>	<b>("A") OVERALL HEIGHT</b>
16"	75 #	1.415	29 7/16
16"	100 #	1.887	33 1/2
16"	125 #	2.358	37 9/16
16"	150 #	2.830	41 5/8
16"	200 #	3.774	49 3/4
16"	250 #	4.719	57 7/8

**Height increases by 0.1625"/Lbs of capacity**

**\*\* CAPACITIES ARE AVAILABLE FROM 75Lbs TO 250 Lbs.**

"Ask about our custom designed AN-FO tanks, optional equipment and reconditioning"

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**Please do visit our web site at: " [www.baycar.com](http://www.baycar.com) "**