



## INTRODUCTION

“JYH BIG ENGINEERING & CONSULTANTS “ is founded by Mr. Ved Prakash in 2016 with 29 years rich experience in the respective field of air & gas separation technology. He entered in this field with a desire to manufacture quality and energy efficient technically advanced products to meet the various industrial processes requiring Nitrogen, Oxygen, Hydrogen gases and dry air as well as food processing and dairy and Cryogenic equipments.

The company is supported by a group of technocrats specialized in chemical, mechanical, instrumentation concern in designing, manufacturing, site installation and commissioning of various range of products like: Nitrogen, Oxygen & Hydrogen Generators, Instrument air package, Cryogenic Tanks, cryogenic Air Separation systems i.e. Compressed Air Dryers, Pressure vessels, Ammonia storage tanks, Chlorine tanks, Nitrogen Fire Fighting equipments etc. Our commitment to deliver high performance advanced products and services to the customers.

JYH Big Engineering & Consultants is catering to various engineering equipment requirement of various industries like...Oil & Gas, Power, Petrochemicals and chemicals, steel Food and allied industries.

## CRYOGENIC TANKS:



### Cryogenic Storage Tank

#### Technical Specification

Design Code : ASME / EN-13458

Tank Size : 4 KL to 50 KL

Working Pressure : 17 Bar, 24 Bar, 34 Bar & as per customer Requirement.

Design Temp: (-) 196 DEG C TO (+) 49 DEG C

Service : LOX / LAR / LIN / LNG / LCO2

Insulation : MLI / PERLITE

## VAPORIZERS:

Vaporizers used in parallel with the cryogenic tanks, vaporizers convert the transported liquids into gas. JYH Big Engineering & Consultants manufactures a full line of Low-Pressure, High Pressure and Pressure-Building Vaporizers which are made to be fully functional with the entire line of JYH cryogenic tanks and with other tank manufacturers.



## CYLINDERS FILLING MANIFOLDS :

JYH BIG ENGINEERING & CONSULTANTS design Manufacture & Supply of Overhead Type / Pedestal Type cylinder filling Manifold System with control systems.



# JYH

Big Engineering & Consultants

## JYH BIG ENGINEERING & CONSULTANTS

(An ISO 9001:2015, ISO 14001:2015, ISO 45001-2018 Certified Company)

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