

AIR RECEIVER

Temporary Storage System

PRODUCT DESCRIPTION

ERGIL Air Receiver would serve as an integral part of any compressed air system as it serves as a temporary storage. It allows the system to perform efficiently and is built exceptionally durable and strong. They last many years and are able to handle pressures of everyday use. Air Receiver is required to store compressed air so that it can be used as and when needed.

Compressed Air Receivers play a very important role in compressed air system with multi purposes by value of its design. Compressed Air Receivers also enhance the service life of compressor. Air Receivers are both- Vertical and Horizontal.

FEATURES

- The receiver tank acts as a reservoir of compressed air for peak demands
- The receiver tank will help remove water from the system by allowing the air a chance to cool.
- The receiver tank minimizes pulsation in the system caused by a reciprocating compressor or a cyclic process downstream. Stores the pressurized compressed air
- Helps to maintain constant pressure at downstream
- Cools the compressed air
- Helps to separate oil & moisture from compressed air
- To allow compressor have optimum level of rest
- Equalizing the pressure variation from the start/stop and modulating sequence of the compressor
- Storage of air volume equalizing the variation in consumption and demand from the system
- Collecting condensate and water in the air after the compressor



PROCESS DATASHEET FOR INTERNALS

COMPANY:		CONTACT PERSON:		
Address:		Tel:		
		Fax:		
		E-mail:		
Service:		Unit:		
Vessel Name:				
Tag No:		ID, mm		
		T/T, mm		
2 or 3 Phase Operation				
INPUT DATA				
Operating Temp/Press:		oC	Barg	
Bulk Fluid Description:		GAS	OIL	WATER
Fluid Flowrate:		kg/h		
Fluid Density:		kg/m3		
Gas MW:				
Liquid Surface Tension:		mN/m		
Actual Flowrate:		m3/h		
Standard Flowrate:		Nm3/h		
		MMSCF		
		D / BPD		
OUTPUT PARAMETERS DESIRED				

PRODUCT ORDER SHEET FOR VESSELS

Design Code:											
External Diameter:			Length(T/T):								
Operating Temperature:			NOZZLE SCHEDULE								
Design Temperature:			Item	Size	Rate	Face	Type	Service			
Operating Pressure:											
Design Pressure:											
Hydro Test Pressure: Bar g											
Shell Thickness: mm											
Head Thickness: mm											
Corrosion Allowance: mm											
Joint Efficiency: Shell:											
Head:											
Internals(Please fill the process):											
Fireproofing:											
Insulation:											
Painting:											
Pickling and Passivating:											
Nace:											
Stress Relive:											
Radiography:											
Ultrasonic Testing:											
Inspection:											
Stamp:											
Empty Weight:											
Operating Weight:											
Test Weight:											
Capacity:											
CONSTRUCTION AND MATERIAL SPECIFICATION											
Type of Heads:			Earthing Lug:								
Orientation:			Lifting Lug:								
Position:			Name Plate:								
Ladder Platform Clips:			Hand Grip & Ladder Rung:								
Insulation Rings or Clips:			Sacrificial Anodes:								
Impressed Current Chps			Sacrificial Anodes Clips:								
Davit and Support:											
DESCRIPTION			MATERIAL			DESCRIPTION			MATERIAL		
Shell:						Flanges/Nozzles:					
Heads:						Pipes:					
Saddles, Skirts,Legs:						Gaskets:					
Internal Coating:						External Studs:					
Internals:						External Nuts:					
External Attachments:						Internal Studs:					
Internal:						Internal Nut:					
Reinforcement Plates:											
Notes/Remarks:											

ABOUT ERGIL

Focused on high quality service and products, ERGIL is a 30 year old organization into the manufacturing of tanks, equipments and accessories for storage tank terminals, refineries, pipelines, process and industrial plants. Known as a leading engineering, procurement and construction(EPC) company, it has extensive experience in storage tank design, custom shop fabrication and field erection.



Automatic Shot Blasting System



Automatic Column Boom Welding & Rolling Machines

The team works with many international standards such as API, ASME, EN, DIN,ISO and GOST. They are also ISO 14001 : 2004 ISO 9001 : 2008,OHSAS 18001 : 2007,ASME U,ASME S,ASME R ASME R certified.



Manufacturing Plant in Mersin,Turkey

ERGIL's 32,000 sq/m facility in Mersin, Turkey and team of experienced professional engineers and management enables them to bear and meet complex projects and deliver with ease. As a modern facility it is equipped with the latest technology, including fully automated welding, rolling, CNC plasma cutting, shot blasting, heating, painting system and lifting machines. ERGIL is also capable of handling in-house pressure testing, radiography, and other non-destructive tests.



Automatic Plate Rolling Machine



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