



SRI VENKATESHWARA ENGINEERING



*One Stop Solution for
Gas Applications*



www.sribalajiind.in

Vacuum Jacketed Pipeline

Vacuum jacketed piping is the simplest and most cost-effective method used to transfer cryogenic liquids from source till user point with minimal heat losses and maximum efficiency.

- We at SVE, design and manufacture VJP for efficient transfer of liquid nitrogen @ 3 bar or greater, with insulation to withstand a temperature of -196 degrees to +600 degrees Celsius.
- VJP is designed and manufactured at our works as per ASME B31.3 standards.
- Our VJP is designed to reduce heat leaks caused by Conduction, Convection and Radiation.
- We manufacture VJP for Liquefied Nitrogen, Oxygen, Argon, Helium and Natural gas.
- Heat leak rate of our VJP is 0.49 BTU/hr-ft.

TESTING/QUALITY ASSURANCE

INNER/OUTER PIPELINE JACKETED WELDING	HELIUM MASS SPECTROMETER TESTED @ 1×10^{-8} cc/second Vacuum sealed @ 1×10^{-5} mBar or less.
INNER PIPELINE SYSTEM	Pneumatic pressure testing @ 1.1 times of design pressure
VJ PIPE SPOOL WELDING	Vacuum retention test for 48 hours @ 1×10^{-3} mBar TUV certified welders as per ASME Section IX & ANSI B31.3 for TIG welds



VACUUM JACKETED PIPELINE INDUSTRIES:

- Food processing industry
- LNG industry
- Pharmaceutical industry
- Electronics industry
- Cryo Freezers industry
- Cryo welding for automobiles
- Beverage manufacturers

Our Completed Projects

- MYLAN LABORATORIES, HOSUR
- Linde India Dahej, Gujarat
- IOCL, Assam
- PIRAMAL PHARMA, HYDERABAD
- Bosch Bidadi, Bangalore
- SF Dyes, Bangalore
- GE BE PVT LIMITED
- Bosch, Nasik
- ELLa Foods, Malur
- APPLIED MATERIALS
- Inox Air Products, Salem
- IISC, Bangalore
- ISRO, Bangalore
- DRDO, Hyderabad
- LINDE taloja, Mumbai
- VRV Asia Pacific
- MEL Systems, Chennai
- Plasma Research, Gujarat



Other Products

- Gas Manifold
- Vacuum Jacketed Pipeline / Cryo Pipeline
- High Pure Gas Handling Equipment / Orbital Welding
- Quads / Cascades
- Manifold Cylinder Pallet / Cylinder Pallet
- Gas Filling Station
- Hydro Testing Station / Cylinder Testing Station
- Centralized Gas Piping / Gas Tubing
- Gas Mixer / Gas Blender
- Flexible Hoses
- Copper Pigtaills
- High Pressure Main Valves
- Pressure Relief valve (SRV & TRV)
- Gas Regulators
- Brass / SS Gas Fittings
- Flash Back Arrestor
- Cryogenic Tank Repair
- Accessories for Gas Systems
- AMC for Gas Systems

**Our Gas Systems
have been approved
by World leaders in
Gas Industry**

As every client has his own requirement, we select and design a suitable variant for every different use. Our products are tailor made, cost effective design for maximum efficiency. We have our own team of TUV certified TIG welders who do the field work for VJ piping.

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Our Clients



Our Gas Systems are approved by World leaders in Gas Industry such as Linde India, Praxair India, Inox Air Products, Taiyo Nippon and by leading industries in other sectors such as GE Health Care, Applied Material, Bosch, Mylan Laboratories, Titan, Samsung, Volvo, Mahindra Aero Space, Kalyani Rafael and Many more.



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