



# SHRI VAIBHAVI LOGISTICS



**ONE STOP INTERNATIONAL SOLUTION  
FOR CHEMICAL INDUSTRY**



**SHRI VAIBHAVI LOGISTICS**

## T11 ISO TANKS



A T11 ISO tank is the industry-standard for the global transportation of a wide variety of liquids, including:

**Non-Hazardous Chemicals:** Such as acids, alcohols, and various industrial solvents, offering a reliable and secure way to move essential materials for manufacturing and other industries.

**Hazardous Materials:** Including flammable, corrosive, and toxic liquids. We handle these with the utmost care, adhering to all international regulations to ensure complete safety and compliance from origin to destination.

Built to rigorous ISO (International Organization for Standardization) standards, our T11 tanks are engineered for seamless intermodal transport—from road to rail to sea—without the need for costly and risky intermediate transfers. This design not only enhances efficiency but also minimizes the risk of spills and contamination, providing a truly end-to-end solution for your liquid cargo needs. We believe in providing a service that is both reliable and protective of your valuable assets.

### Technical Specifications of Our T11 ISO Tanks (Typical):

**Capacity:** 23,000 - 26,000 liters

**Construction:** High-grade 316L stainless steel

**Dimensions:** Standard 20' x 8' x 8'6" ISO container frame

**Pressure:** Designed for a maximum allowable working pressure of 4 bar

When you partner with **Shri Vaibhavi Logistics**, you are choosing a trusted provider committed to delivering your liquid cargo safely, securely, and efficiently. Our T11 ISO tank services are a testament to our dedication to quality, innovation, and customer satisfaction.

Let **Shri Vaibhavi Logistics** be your partner for reliable and compliant bulk liquid transportation.

Contact us today to learn how our T11 ISO tank services can streamline your supply chain.



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## **T11 BAFFLE ISO TANKS**



A T11 BAFFLE ISO TANK container that is fitted with internal partitions or baffles. These strategically placed walls disrupt the natural movement of liquid, a phenomenon known as "liquid surge" or "sloshing." This surge can impact the stability of the tank and the vehicle during transit, especially during sudden braking, acceleration, or cornering.

Our baffle tanks effectively control this movement, providing a crucial advantage for the safe transportation of a wide range of liquids, including:

**High-Density Liquids:** Such as phosphoric acid and other heavy chemicals where the liquid's mass can create a significant surge effect.

**Partially Filled Loads:** Baffles allow for the safe transport of tanks that are not filled to full capacity (e.g., between 20% and 80%), a scenario that would be riskier in a standard tank.

**Sensitive Cargo:** Liquids that are prone to foaming or agitation, where minimizing movement is essential to maintain product integrity.

Technical Specifications of Our T11 Baffle Tanks (Typical)

**Capacity:** 23,000 - 26,000 liters

**Construction:** High-grade 316L stainless steel

**Baffle Configuration:** Fitted with internal vertical or horizontal baffles

**Dimensions:** Standard 20' x 8' x 8'6" ISO container frame

**Pressure:** Designed for a maximum allowable working pressure of 4 bar

With **Shri Vaibhavi Logistics**, you are not just getting a container; you are getting a specialized solution engineered for the unique challenges of bulk liquid transport. Our T11 Baffle Tanks are the smart choice for businesses that prioritize safety, efficiency, and the secure delivery of high-value or sensitive products.

For a bulk liquid transport solution that offers an extra layer of safety and stability, choose **Shri Vaibhavi Logistics**.

Contact us today to discuss your specific requirements and discover the advantages of our T11 Baffle Tank services.



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## **T14 (SAKAPHEN LINED) ISO TANKS**



**Shri Vaibhavi Logistics** offers an advanced solution with our T14 Sakaphen Lined ISO tanks, providing the highest level of chemical resistance and product integrity.

Sakaphen is a heat-cured, high-performance phenolic resin lining that provides a robust protective barrier for the interior of the tank. This specialized lining is engineered to withstand a vast range of aggressive chemicals, including:

**Strong Acids:** Such as concentrated sulfuric acid, hydrochloric acid, and phosphoric acid.

**Alkaline Solutions:** Caustic soda and other strong bases.

**Chlorinated Hydrocarbons:** A variety of industrial solvents that would typically corrode a standard stainless steel tank.

The Sakaphen lining ensures that the tank's steel shell remains completely isolated from the cargo, preventing corrosion and extending the life of the asset. This not only protects the tank but, most importantly, eliminates any risk of contamination or leakage, safeguarding your valuable product and the environment.

### Technical Specifications of Our T14 Sakaphen Lined ISO Tanks (Typical)

**Capacity:** 21,000 - 25,000 liters

**Construction:** Carbon steel or high-grade stainless steel shell with a multi-coat Sakaphen lining.

**Lining Type:** Heat-cured phenolic resin, specifically formulated for maximum chemical resistance.

**Dimensions:** Standard 20' x 8' x 8'6" ISO container frame

**Pressure:** Designed for a maximum allowable working pressure of 4 bar

For a bulk liquid transport solution that provides a superior level of protection for your most corrosive cargoes, partner with **Shri Vaibhavi Logistics**.

Contact us today to learn more about our T14 Sakaphen Lined ISO tank services and how they can be tailored to your specific needs.



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T50 (GAS) ISO TANKS

NONDESTRUCTIVE EXAMINATION 无损检测	
EXAMINATION GROUP 检测组	To 检测对象
JOINT CATEGORY 接头类别	TYPE OF WELD 焊缝形式
WELDING PROCEDURE 焊接工艺	Welding process 焊接工艺
WELDING MATERIAL 焊接材料	Welding material 焊接材料
WELDING POSITION 焊接位置	Welding position 焊接位置
WELDING METHOD 焊接方法	Welding method 焊接方法
WELDING DEFECTS 焊接缺陷	Welding defects 焊接缺陷
WELDING INSPECTION 焊接检验	Welding inspection 焊接检验
WELDING RECORD 焊接记录	Welding record 焊接记录
WELDING CERTIFICATE 焊接证书	Welding certificate 焊接证书
WELDING APPROVAL 焊接批准	Welding approval 焊接批准
WELDING AUTHORITY 焊接授权	Welding authority 焊接授权
WELDING PERSONNEL 焊接人员	Welding personnel 焊接人员
WELDING EQUIPMENT 焊接设备	Welding equipment 焊接设备
WELDING PROCEDURE 焊接工艺	Welding procedure 焊接工艺
WELDING MATERIAL 焊接材料	Welding material 焊接材料
WELDING POSITION 焊接位置	Welding position 焊接位置
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WELDING AUTHORITY 焊接授权	Welding authority 焊接授权
WELDING PERSONNEL 焊接人员	Welding personnel 焊接人员
WELDING EQUIPMENT 焊接设备	Welding equipment 焊接设备

SPECIFICATION	
1. All the weld joints shall be visually examined before NDE. After of temporary tack welds have been removed, they shall be examined by MT.	
2. The other loading mediums to be used shall be examined by MT.	
3. Sight between correct color and transparency between view box and test item shall add between the same plate and the name plate past the pad vents and so on shall be evenly coated with glue.	
4. Unless otherwise specified in drawings, tolerance of size shall be according to GB/T 19792-2004, ISO 2768-1S and ASME BPE/VIII.2.	
5. After all the inner surfaces intended to contact with medium have been cleaned completely, the tank shall be purged of air by dry and clean nitrogen gas, the oxygen content in the tank shall be lower than 35.0 ppm and the pressure shall be kept at least 0.05 MPa for shipment.	

MATERIAL OF CONSTRUCTION 建造所用材料	
CYLINDER HEAD 筒头	SA-312M Normalized (E&A)
FLANGES/WELD-IN FORGINGS 法兰/焊入锻件	SA-350M LP2 0.1 Normalized (E&A)
MATERIAL PRODUCTION FACTORY 材料生产厂家	MTI (INDIA) EXPORT PRIVATE LIMITED 印度 (印度)
COUPLER 耦合器	304/316L Austenitic stainless steel
MANNING (PRESSURE) STUD/NUIT 人孔/压力/螺母	SA-193 B7.1/SA-193 B7.1
FRAME - PLATE/ANLON SECTIONS 框架-板/法兰部分	Q345R/Q355
SUNSHIELD 遮阳板	ALUMINIUM 铝

SURFACE FINISH 表面处理	
TANK INTERNAL SURFACE 罐内表面	SHOT BLASTED TO SA 2.5 喷砂处理 SA2.5
FRAME & CS COMPONENT SURFACE 框架和碳钢部件表面	SHOT BLASTED TO SA 2.5 喷砂处理 SA2.5
TANK EXTERNAL ANTICORROSION 罐外表面防腐	PAINT 油漆, 140-150um Dk per customer's request 按客户要求
FRAME & COUPLER ANTICORROSION 框架和耦合器防腐	PAINT 油漆, 140-150um Dk per customer's request 按客户要求

LOADING LIST OF NOZZLES 装卸清单				
NO 序号	NO 序号	DESCRIPTION 描述	QTY 数量	REMARKS 备注
1	1	Liquid inlet and outlet 液体进出口	1/2" ASME/ANSI Flange	
2	2	Gas inlet and outlet 气体进出口	1/2" ASME/ANSI Flange	

GENERAL ASSEMBLY DRAWING						
12	12107202C	罐体	1	罐体	43	罐体
11	07009	Custom ending	1	罐体	-	罐体
REV	0	Design	7240	1/30	1/30	1/30
REV	1	Check	7240	1/30	1/30	1/30
REV	2	Review	7240	1/30	1/30	1/30
REV	3	Approval	7240	1/30	1/30	1/30
REV	4	Final	7240	1/30	1/30	1/30

- Tank Type** : T50 ISO Tank (UN Portable Tank – IMO Type 5)
- Approved For Capacity** : Liquefied gases under pressure
- Working Pressure** : Approximately 24,000 liters (design may vary).
- Design Temperature** : Up to 22-24 bar
- Construction Material** : -40°C to +65°C.
- Frame** : Durable Stainless Steel 316L.
- Standard 20 ft ISO frame,
- CSC certified and stackable.
- Safety Features Compliance** : Dual relief valves with remote discharge option.
- IMDG, ADR, RID, CSC, TIR, ISO, UIC, TPED, & Regional approvals like US DOT / ASME.
- Fittings Include** : Pressure relief valves, thermowell for temperature monitoring, bottom & top discharge options, and a manlid with safety interlock.



Partner with Shri Vaibhavi Logistics for reliable, safe, and compliant high-pressure gas transportation solutions.



**SHRI VAIBHAVI LOGISTICS**

## **T50 (GAS) ISO TANKS**

### **Trusted Partner for High-Pressure Gas Transport**

At **Shri Vaibhavi Logistics (SVL)**, we provide advanced T50 ISO Tank Container solutions, meticulously engineered for the safe, efficient, and compliant international transport of pressurized liquefied gases. Our robust fleet is designed to meet the evolving demands of industries such as petrochemicals, gas supply, refrigerants, and energy, ensuring the seamless movement of your critical cargo across global trade routes.

<b>UN</b>	<b>PROPER SHIPPING NAME</b>	<b>UN</b>	<b>PROPER SHIPPING NAME</b>
1005	Ammonia, anhydrous	3161	Refrigerant gas R134a /R152a (25/75)
1010	Butadienes, stabilized	3161	Refrigerant gas R134a /R152a (30/70)
1011	Butane	3161	Refrigerant gas R134a /R152a (40/60)
1012	Buthylene	3161	Refrigerant gas R134a/R152a (50/50)
1018	Chloropentafluoroethane (R22)	3161	Refrigerant gas R134a/R152a (70/30)
1021	1-Chloro-1,2,2,2-tetrafluoroethane (R124)	3161	Refrigerant gas R134a/R152a (75/25)
1027	Cyclopropane	3161	Refrigerant gas R134a/R152a (85/15)
1028	Dichlorodifluoromethane (R12)	3161	Refrigerant gas R134a/R152a (86/14)
1029	Dichlorofluoromethane (R21)	3161	Refrigerant gas R134a /R152a /DME(33/53/14)
1030	1,1-Difluoroethane (R152a)	3161	Refrigerant gas R152a/DME(30/70)
1032	Dimethylamine, anhydrous	3161	Refrigerant gas R152a/DME (75/25)
1033	Dimethyl ether	3161	Refrigerant gas R152a/DME (80/20)
1036	Ethylamine	3161	Refrigerant gas R152a/DME (85/15)
1037	Ethyl chloride	3161	Refrigerant gas R152a/DME (90/10)
1055	Isobutylene	3161	Refrigerant gas DME/Isobutane (10/90)
1060	Methylacetylene and propadiene mixture, stabilized	3161	Refrigerant gas DME/Isobutane (20/80)
1061	Methylamine, anhydrous	3161	Refrigerant gas DME /Isobutane (30/70)
1063	Methyl chloride (R40)	3161	Refrigerant gas DME/Isobutane (40/60)
1075	Petroleum gas, liquefied	3161	Refrigerant gas DME /Isobutane (50/50)
1077	Propylene	3161	Refrigerant gas DME /Isobutane (60/40)
1083	Trimethylamine, anhydrous	3161	Refrigerant gas DME/Isobutane (80/20)
1085	Vinyl bromide, stabilized	3161	Refrigerant gas DME /Isobutane (90/10)
1086	Vinyl Chloride, stabilized	3161	Refrigerant gas DME /Isobutane all percentages
1087	Vinyl methyl ether, stabilized	1078/3163	1,1,1,3,3-Pentafluoropropane(R245fa)
1965	Hydrocarbon gas mixture (10%Propane, 90%Butane)	1078/3163	2,2-Dichloro-1,1,1-trifluoroethane (R123)
1965	Hydrocarbon gas mixture (20%Propane, 80%Butane)	1078/3163	Refrigerant gas R12/R25/R134a(4/19/77)
1965	Hydrocarbon gas mixture (24%Propane,76%Butane)	1078/3163	Refrigerant gas R134a/DME(95.7/4.3)
1965	Hydrocarbon gas mixture (30%Propane, 70%Butane)	1078/3163	Refrigerant gas R134a/DME(96.6/3.4)
1965	Hydrocarbon gas mixture (40%Propane, 60%Butane)	1078/3163	Refrigerant gas R134a/DME(DME <=7%)
1965	Hydrocarbon gas mixture (50%Propane, 50%Butane)	1078/3163	Refrigerant gas R134a/DME(DME <=1%)
1965	Hydrocarbon gas mixture (60%Propane, 40%Butane)	1078/3163	Refrigerant gas R134a/DME(DME=7%)
1965	Hydrocarbon gas mixture (70%Propane, 30%Butane)	1078/3163	Refrigerant gas R134a/R143a(60/40)
1965	Hydrocarbon gas mixture (80%Propane, 20%Butane)	1078/3163	Refrigerant gas R134a/R152a(86.1/13.9)
1965	Hydrocarbon gas mixture (90%Propane, 10%Butane)	1078/3163	Refrigerant gas R134a/R152a(87/13)
1965	Hydrocarbon gas mixture (All percentages Propane / Butane)	1078/3163	Refrigerant gas R142b/R22(40/60)
1965	Hydrocarbon gas mixture (75%Isopentane, 25%Isobutane)	1078/3163	Refrigerant gas R142b/R22(60/40)
1965	Hydrocarbon gas mixture (5%Ethane, 95%Propane)	1078/3163	Refrigerant gas R22/R124/R142b(65/25/10)
1969	Isobutane	1078/3163	Refrigerant gas R401a
1974	Chlorodifluorobromomethane (R12B1)	1078/3163	Refrigerant gas R401b
1978	Propane	1078/3163	Refrigerant gas R401c
2517	1-Chloro-1,1-Difluoroethane (R142b)	1078/3163	Refrigerant gas R406a
2602	R12 (74%) / R152a Mixture(R500)	1078/3163	Refrigerant gas R407d
3159	1,1,1,2-Tetrafluoroethane(R134a)	1078/3163	Refrigerant gas R409a
3161	Refrigerant gas R134a/DME (65/35)	1078/3163	Refrigerant gas R409b
3161	Refrigerant gas R134a/DME (70/30)	1078/3163	Refrigerant gas R413a
3161	Refrigerant gas R134a/DME (75/25)	1078/316	Refrigerant gas R417a
3161	Refrigerant gas R134a/DME (93/7)	1078/3163	Refrigerant gas R423a
3161	Refrigerant gas R134a/DME(65/35) (DME <=7%)	3153	Perfluoro(Methyl vinyl ether)

### **Why Choose SVL's T50 Tanks?**

**Shri Vaibhavi Logistics** offers premier T50 tank container solutions for secure global high-pressure gas transport, adhering to stringent international standards. Our engineered fleet ensures optimal safety and efficiency across key trade routes. As a trusted partner for leading gas suppliers worldwide, we deliver reliable, expert service. Choose **SVL** for seamless and compliant transportation of your critical commodities.



**SHRI VAIBHAVI LOGISTICS**

## International Freight Forwarding - Your Gateway to Global Market



At Shri Vaibhavi Logistics, we provide comprehensive international freight forwarding solutions designed to seamlessly connect your business to global markets. We are dedicated to ensuring your cargo is handled with precision, care, and efficiency.

### **Extensive Global Reach and Integrated Solutions**

We offer a full suite of reliable and cost-effective ocean and air freight services, leveraging our extensive global network of partners and carriers. Our meticulous planning ensures optimal routes and competitive rates, providing you with a single point of contact and complete transparency throughout the entire process. We are committed to minimizing transit times and maximizing the efficiency of your supply chain.

### **Robust Domestic Presence and Tailored Expertise**

Our strong operational presence in Gujarat, Maharashtra, and Southern India allows us to offer seamless ex-works and door-to-door pickup services. This strategic network streamlines your supply chain by handling all pre-carriage formalities and documentation with unparalleled efficiency. Backed by a seasoned team, we deliver tailored solutions and navigate the complexities of international trade. Our expertise in customs regulations and compliance ensures a smooth and timely flow of your goods, making us a trusted partner for all your freight forwarding needs.



**SHRI VAIBHAVI LOGISTICS**

**REACH US**

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**OVERSEAS NETWORK**

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- Qatar
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- Srilanka
- Malaysia
- Singapore
- USA
- Europe
- China