

ISGEC Ton Containers



Containers to suit every requirement



Code Stamping For Specialised Equipment Only



An ISO 9001:2000 Company

ISGEC Ton Containers

Variants to meet all requirements

ISGEC is an ISO 9001:2000 approved company having ASME 'U2', 'U' & 'S' certifications as well as the National Board of USA 'R' & 'NB' certifications. We have been manufacturing & supplying Ton Containers for Chlorine & other liquefiable gases and Pressure Vessels for **over 40 years**.

ISGEC has supplied around **70,000 Containers and 3000 Pressure Vessels to 36 countries** and is today the **largest manufacturer of Ton Containers in the world**.

ISGEC offers a whole **range of models** of Containers **to suit the requirement of different customers**. ISGEC has supplied Containers in more than **16 variants** which meet the specifications of the customer as well as the statutory requirements of the different Countries. These include, capacity, types of valves, lifting arrangements & compatibility with safety kits.

However, one thing that continues to be a priority in each model is our uncompromising focus on Safety. In fact, proof of our technical capabilities are the two Patents that we have received from the United States Patent & Trademarks Office relating to the design & technique for manufacture of Ton Containers (ISGEC Model-D).



ISGEC supplied this High Pressure Separator Vessel to SNC Lavalin, Canada. This Vessel, having Stainless Steel weld overlay is being used in a Gas Processing Plant that they built for Petroleum Development Oman. The vessel weighs 210 Tonnes.

-  Australia
-  Bangladesh
-  Cambodia
-  China
-  Columbia
-  Cyprus
-  Ecuador
-  India
-  Indonesia
-  Iran
-  Iraq
-  Jordan
-  Kenya
-  Kuwait
-  Malaysia
-  Malta
-  Mauritius
-  Nepal
-  Nigeria
-  Oman
-  Peru
-  Philippines
-  Qatar
-  Saudi Arabia
-  Singapore
-  Sri Lanka
-  Syria
-  Thailand
-  Turkey
-  UAE
-  Uganda
-  USA
-  Vietnam
-  Yemen
-  Zambia
- Zimbabwe

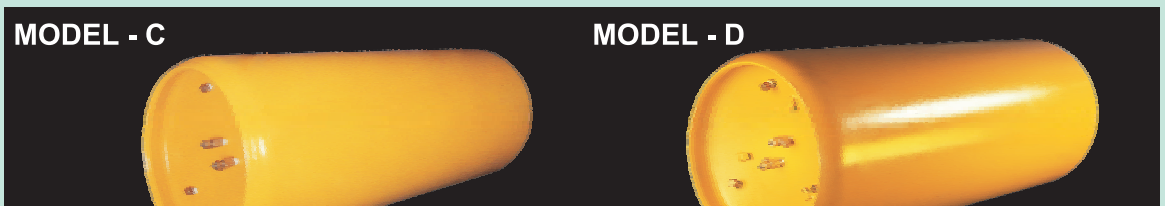


MODEL - A

MODEL - B

Design Code : BS-1500 Part 1
Heads : Convex to Pressure
Valves : Fitted on Threaded Couplings

Design Code : BS-1500 Part 1 or ASME Sec. VIII Div.1
Heads : Concave to Pressure with Valve Protection Skirts
Valves : Fitted on Threaded Couplings



MODEL - C

MODEL - D

Design Code : ASME Sec. VIII Div.1
Heads : Convex to Pressure with Chimed Ends
Valves : Fitted directly on Head

Design Code : 49 CFR meeting requirements of 106A - 500W with exemption complying with DOT E - 12277
Heads : Convex to Pressure with Chimed Ends
Valves : Fitted directly on Head



MODEL - E

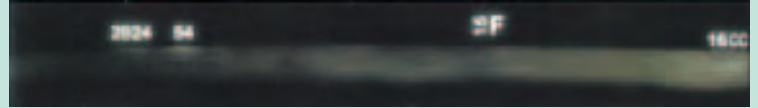
Design Code : TRG regulations or BS-1500 Part 1
Heads : Concave to Pressure with Valve Protection Skirts
Valves : Fitted on Hand Hole Cover with Removable Dip Pipes

• Safety through 100% X-Ray:



At ISGEC, we use the Fusion Welding process for all joints. This method enables us to establish the quality of the welded joints by **100% X-Ray** of all main joints.

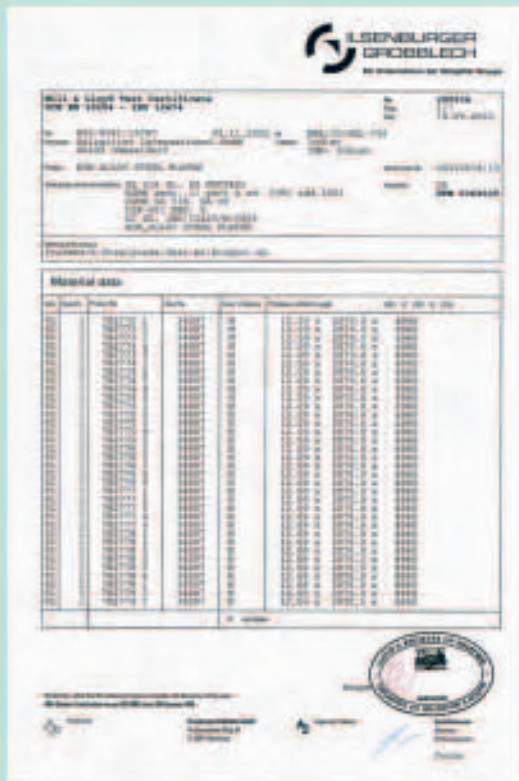
All Containers are also Stress Relieved and Grit Blasted.



Such X-Rays further prove that all welds are sound

• Safety through Quality Material:

ISGEC Containers are manufactured using **Boiler Quality Steel Plates**.



• Standard Accessories:

- Valves conforming to any Standard, including 3/4" NGT CL 1 or JIS 8246 or 1" BS 341 or DIN 477
- Valves - Angular or Straight
- Protective Covers for Valves

• Options:

ISGEC manufactures Containers that are tailor-made to Customer's as well as Statutory requirements so as to make them compatible with existing filling and emptying stations, lifting arrangements and safety kits.

The Variants include:

- Removable Dip Pipes
- Rolling Hoops
- Additional Inspection Plugs or Fusible Plugs
- Valves mounted on hand hole cover
- Zinc Coating on External Surface
- Removable Dip Pipes
- Variety of Paints
- Compatibility with Emergency Kit B of Chlorine Institute, USA

• Containers for Liquefiable Gases:

ISGEC manufactures Containers for the transportation and storage of the following liquefiable gases:

- | | |
|---------------------|-------------------|
| • Ammonia | • Methyl Bromide |
| • Chlorine | • Methyl Chloride |
| • Dimethylamine | • Monomethylamine |
| • Ethyl Chloride | • Sulphur Dioxide |
| • Ethylene Oxide | • Trimethylamine |
| • Freon | • Vinyl Chloride |
| • Hydrogen Fluoride | |

• Safety through Approval & Inspection:

The **various designs** of ISGEC Containers have been **approved by Lloyd's Register** and Containers are **inspected** by them at as many as 15 stages of manufacture.

We are in the process of securing authorization for use of **CE** marking.

Each ISGEC Container comes with a **test certificate** which is provided to the customer without any extra cost. We can also offer inspection services from other reputed agencies, such as BV, TUV, SGS & DNV.



Isgec Group Office at Noida (a suburb of New Delhi), India. Our Boiler and Sugar Machinery activities are headquartered in this building.



One of the 5 Pressure Vessel Bays with a crane lifting capacity of 200 Tonnes. We have 10 Bays for building Mechanical Equipment and 5 Foundry Bays at 2 sites.

Our Flagship Plant at Yamunanagar, Haryana, India.



An ISO 9001:2000 Company

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Specifications given in this brochure are subject to change, without any prior notice