



Innovative solutions in fuel logistics



Fuel Transportation and Storage Presentation



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Design Consultants & Engineers

serving the

Transport & Energy Industries

WORLDWIDE

Specialising in ...

Terminal & Depot Operations



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Specialist Containers

TEC's design and mechanical engineering team are dedicated to the design of specialised tank containers. This team has designed amongst others, the Bitutainer range of containers- *which has essentially transformed the transportation of bitumen worldwide since the 1990s*

This has been achieved by adopting the philosophy of maximising product carrying capacity within the constraints of a standard ISO shipping slot space. This unorthodox approach is widely accepted as the optimum method for the shipment of non-hazardous liquid products.

Aided by sophisticated computer programs TEC's specialised container design team are able to calculate load and stress tolerances and complete structural analysis. Working closely with the Lloyds certification department in the UK, approvals for all types of containers can be realised within a comparatively short periods

TEC has forged links and partnerships with several heavy steel product and container manufacturers in Europe and Asia. By working closely with these organisations TEC has been able to ensure a high level of quality and workmanship to complement their designs.

Experience in working in the worldwide market has enabled TEC to adapt it's approach to finding the ideal logistical solution to suit the conditions in any region.



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TEC Transportation Containers

Maximising Load Capacity and Conforming to Local Transport Regulations



Fully Intermodal – Ideal for Road, Rail or Sea Transportation





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TEC Project Design and Build

Based in Sussex on the South Coast of England, TEC was incorporated in 1987 and has actively served the transport and oil industries for the past 20 years.

Design and Supply specialised Tank Containers

Engineering and Design Consultancy

Project Manage Services for Major International Energy Companies

The core activities of the company are based around storage and transportation of bitumen and fuels using our unique range of products. The engineering and design consultancy division has a proven track record of leading the design and management of a variety of successful construction projects including fuel handling / storage facilities, and logistics solutions.

Operating globally on numerous projects in the African continent, the Middle and Far East, Europe and Australia . They have successfully completed projects from initial logistics discussions, design, engineering and procurement to final installation, commissioning and operator training. Chartered engineers are also part of the team of designers and project managers, as well as marketing, sales and financial professionals.

Design : Supply : Installations : Project Management



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Design & Consultancy Services

In-House Resources...

- Chartered Engineering Staff (Mechanical)
- Project Managers
- Commercial Experts
- Logistics Experts
- Autocad - CAD Designer
- Ansys Finite Element Analysis Software
- ISO 9001 Internal Standards
- In-house Process Simulation Software (TECSIM)
- Gas Certified Engineers



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Design & Consultancy Services

Associated Resources...

- Civil Engineers
- Electrical and Electronic Engineers
- Fire System Engineers (Detection and Deluge Systems)
- Process Software Design Engineers



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Facility Installations



Project Engineering & Management



Commissioning Testing & Training



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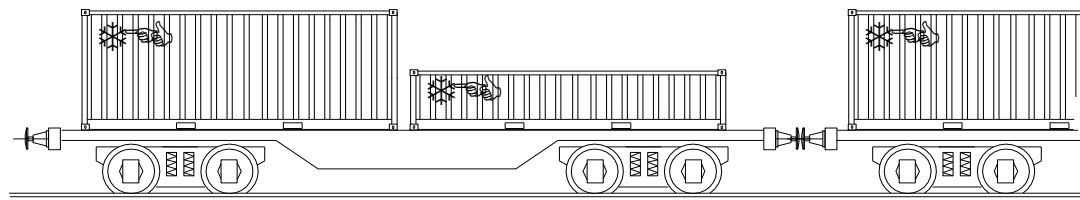
Full **Intermodal** Transportation



Road



Sea



Rail



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Handling



Container Lifters



Fork lift



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Handling



Container to Truck Handling



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Storage and Distribution Facilities



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Storage & Product Transfer Facilities using 20ft or 40ft Storage Units



Full Design, Civil, Mechanical and Electrical Assistance



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**20ft and 40ft Fuel
Storage Tanks**

**Up to 45,000 ltrs
Useable Capacity
per tank**



40ft Fully Bunded Storage Tanks



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