

Container services

The Lloyd's Register Group has been offering container services since 2001. We have developed market-leading services in design appraisal, inspection and certification for all container types including tank containers, ISO boxes and offshore containers for new production and in-service work. Services are provided on a global basis by an experienced team of inspectors enabling a fast and flexible response to all client needs.

Our services

Lloyd's Register offers a full range of services to the container industry. We provide certification for all container types from new build through to in-service containers. We work closely with our customers to help maintain their operational fleets in the most efficient manner possible.

Certification

Lloyd's Register provide certification in the following areas:

- New build units:
 - Tanks and road tankers
 - ISO boxes
 - reefers
 - swaps and swap tanks
 - offshore baskets and offshore tanks
- Modified containers
- Re-manufactured/refurbished units
- Periodics:
 - tanks
 - road tankers
 - IBCs
 - offshore, baskets and tanks

Container Services

Lloyd's Register offers the following container services:

Technical services:

- certification
- registration
- technical advice
- design reviews
- inspections
- owner acceptance

Added value services:

- document management
- inspector training (CSC, ADR)
- web-based certification access



For further information, please refer to our detailed factsheets:

- Container legislation
- Owners acceptance services
- Document management services

For further information on any of our container services, please contact either:

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**LLOYD'S
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CONTAINER
SERVICES**

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Services are provided by members of the Lloyd's Register Group. Lloyd's Register, Lloyd's Register Asia and Lloyd's Register EMEA are exempt charities under the UK Charities Act 1993.



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Owner's acceptance

The Lloyd's Register Group provides inspection services to meet the specific requirements of container owners. Our inspection programmes are designed to meet exact client needs.

Our services

Lloyd's Register is pleased to offer services to provide owner's acceptance against each client's own approval criteria. The approval specification can be pre-determined by the client and Lloyd's Register is happy to design an inspection programme to meet client's individual needs.

The criteria for inspection of each individual unit for compliance can include:

- construction materials
- paintwork and markings
- dimensions (random checks)
- general finish, welding, paintwork (including random thickness checks), floors, decals, identification plates.

Where necessary, we will be happy to arrange a third-party independent inspection giving clients additional assurance.

A final inspection report is issued for all units inspected giving detailed results against the inspection criteria.



Benefits to the client

- Independent assessment of units against client's acceptance criteria.
- Inspection programmes tailored to suit each client's needs.
- Independent third-party inspection arranged where required.
- Reporting tailored to client requirements.

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Container legislation

The Lloyd's Register group provides certification to show compliance with many laws that apply to containers. Services include design review, inspection and testing. If you have any questions about the legislation and regulations listed below, please feel free to contact us.

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Legislation

Tanks

- ADR - for transportation by road
- RID – for transportation by rail
- IMDG – for transportation by sea (worldwide)
- USDOT (49CFR) /AAR600 - for transportation by road and rail in the USA
- CSC & ISO 1496 – for container framework
- Pressure Vessel Design Codes (e.g. ASME, PD5500, AD-MERKBLATTER) – for the tank design and manufacture
- TC Impact Approved – testing for use on Canadian railroads
- UIC – registration for use on European railways
- LRCCS – to meet the requirements of the Lloyd's Register Container Certification Scheme

Swap tanks

- ADR - for transportation by road
- RID – for transportation by rail
- IMDG – for transportation by sea (worldwide)
- EN283/4 – for container framework
- Pressure Vessel Design Codes (e.g. ASME, PD5500, AD-MERKBLATTER) – for the tank quality
- UIC – registration for use on European railways
- LRCCS – to meet the requirements of the Lloyd's Register Container Certification Scheme

ISO boxes

- CSC & ISO 1496 – for container framework
- LRCCS – to meet the requirements of the Lloyd's Register Container Certification Scheme

Offshore baskets

- DNV2.7-1, & 2.7-3 & EN12079 - offshore container codes

Offshore tanks

- ADR - for transportation by road
- IMDG – for transportation by sea (worldwide)



- DNV2.7-1, & 2.7-3 & EN12079 - offshore container codes
- Pressure Vessel Design Codes (e.g. ASME, PD5500, AD-MERKBLATTER) – for the tank quality

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Document management services

The Lloyd's Register Group offers a complete document management service giving clients access to essential certification documentation following inspection, without delay.

Introduction

Lloyd's Register has a well-established online document management service, enabling clients to view, save and print a wide range of documents, certificates and specification information from any location.

About the website

The documents are held on a web site which is accessible via a unique, secure username and password allocated to each client. The site has a smart search engine which enables clients to quickly find the information they are looking for.

All reports relating to a particular container can be found by simply searching on the container number. For a more comprehensive search, the option to filter by manufacturer, specification or model number is available.

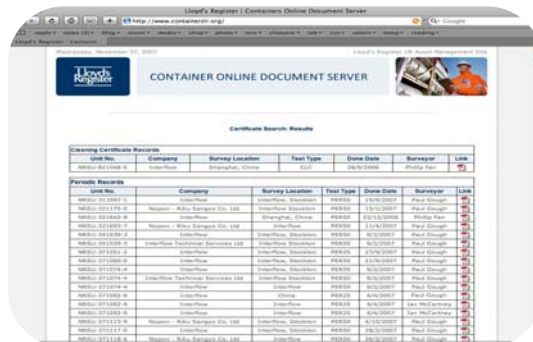
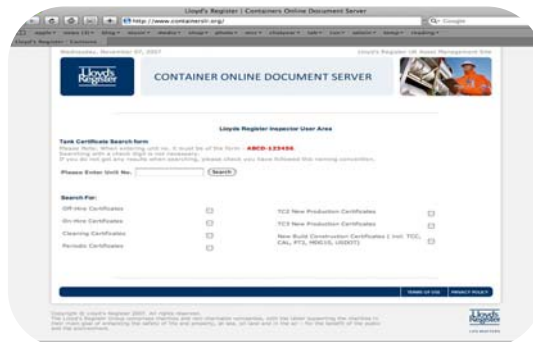
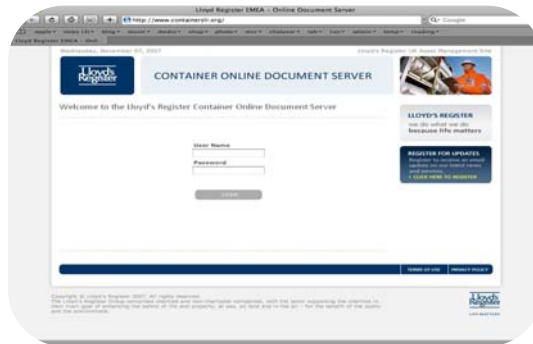
Clicking on a report will open the file into a new window, thus preserving the search in the background. The report can then be viewed, saved or printed.

About the demonstration area

Should you have any questions on how the system works, there is a fully functional demonstration area to illustrate the scope and functionality of the site. Please refer to the 'demonstration guide' on the web site for further information.

Benefits to the client

- Web-based system giving clients (and their agents) global access to documentation 24-hours a day, seven days a week
- The facility to store and retrieve documentation for all types of intermodal equipment
- A reduction in both queries and admin time in client offices
- Time from date of inspection to availability of certification greatly reduced



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