
OFFSHORE CONTAINER CERTIFICATION

ABS offers certification services for offshore containers through the *ABS Guide for Certification of Offshore Containers (ABS OC Guide)*. The ABS OC Guide addresses the requirements of IMO MSC/Circ. 860 Guidelines for the approval of offshore containers handled in open seas and ISO 10855 (Parts 1 thru 3):2018 which is currently used as the international industry standard for approval of offshore containers.

BENEFITS OF ABS CERTIFICATION FOR OFFSHORE CONTAINERS

As the leading offshore classification society, ABS applies its depth of knowledge to advance the quality of certification services provided for offshore containers benefitting both manufacturer and operators. ABS is globally positioned to service the offshore container markets, manufacturers and operator locations.

The ABS OC Guide provides a comprehensive list of procedures and requirements that align with industry standards and allow for ABS certification of offshore containers.

Owners and operators who select to certify their containers to the *ABS Guide for Certification of Offshore Containers* will experience:

- Faster engineering review turnaround time; approximately four (4) weeks for new designs and two (2) business days for additional units built under an approved design
- Greater surveyor coverage and availability in key areas, such as the Gulf of Mexico
- Time and cost savings for OEMs and operators
- Clear guidance on FEM beam element analysis by defining AISC code checks

For containers that require certification as a portable accommodation modules, ABS offers approval through the ABS



Guide for Portable Accommodation Modules. Additionally, ABS maintains appointments, approvals and registrations through various countries in order to certify containers to

international intermodal standards and regulations, which are often requested in addition to certification as an offshore container and/or portable accommodation.



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CONTAINER CERTIFICATION PROCESS

SERVICE REQUEST

A Container Certification Application (CTR AB 200 OC) must be submitted before any ABS engineering and inspection work can begin. To obtain a copy of the application, please contact the ABS Container Certification Department via email at ABSContainers@eagle.org.

ENGINEERING DESIGN APPROVAL

Following receipt of the application, the design then goes through an ABS Design Assessment. An ABS Engineer reviews the design drawings, specifications and technical documents in accordance with the requested certifications. Upon completion an engineering review letter will be returned with a container test agenda attached, as required.

Subsequently the design goes through Prototype Testing in accordance with the container test agenda and is witnessed by an ABS Surveyor. Upon successful prototype testing, ABS Engineering issues an Approved Design Assessment for the container design to the manufacturer.

FACTORY APPROVAL

The manufacturing facility must obtain Factory Approval. An ABS Surveyor visits the facility and reviews the factory's quality control manual and audits the quality control system and manufacturing process. During this step, the ABS Surveyor identifies required predetermined hold points in the manufacturing process. Prior to authorizing for unit production and upon the

successful completion of the initial audit, the ABS Surveyor issues a Factory Approval Certificate to the facility which is valid for five (5) years, and subject to annual audits.

IN PROCESS INSPECTION

ABS Surveyors will regularly visit the facility to monitor the quality control system and manufacturing process based on the pre-determined hold points. The Manufacturer must submit an application for each container, identified by serial number for certification purposes. Upon completion, the ABS Surveyor performs a document review, witnesses testing (as applicable) and performs a visual inspection to mark and certify the container with its corresponding lifting set.

To learn more about ABS OC certification, please contact your local ABS office or email ABSContainers@eagle.org.



WORLD HEADQUARTERS

1701 City Plaza Dr. | Spring, TX 77389 USA

P 1-281-877-6000 | F 1-281-877-5976

ABS-WorldHQ@eagle.org | www.eagle.org

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