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## OFFSHORE CONTAINER CERTIFICATION

ABS offers certification services for offshore containers through the *ABS Guide for Certification of Offshore Containers (ABS OC Guide)*. Certification of an offshore container is often at the request of the owner or operator, but may also be due to safety regulations mandated by local authorities. The ABS OC Guide addresses quality requirements, terms and conditions and markings, as well as provides the procedures and requirements for ABS to certify a container as an offshore container.

### BENEFITS OF ABS CERTIFICATION FOR OFFSHORE CONTAINERS

As the leading offshore classification society, ABS will apply its depth of knowledge to advance the quality of certification services provided for offshore containers. ABS operates globally and already serves many of the markets, manufacturers and locations servicing offshore containers.

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.

As an alternative to existing certification services, owners and operators who choose to certify their containers to the *ABS Guide for Certification of Offshore Containers* will notice:

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



For containers that are also to be certified as a portable accommodation, ABS offers 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

### 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 e-mail at [ABSContainers@eagle.org](mailto:ABSContainers@eagle.org).

### ENGINEERING

- Once the application is received, the design goes through Design Assessment.
- The ABS Engineer reviews the design drawings, specifications and technical documents in accordance with the requested certifications. An engineering review letter will be returned with a container test agenda attached, if required.

- Next, the design goes through Prototype Testing in accordance with the container test agenda and witnessed by an ABS Surveyor.
- Upon a successful prototype test, an ABS Design Assessment is issued to the design.

### FACTORY APPROVAL

- The manufacturing facility must obtain Factory Approval.
- The ABS Surveyor reviews the factory's quality control manual and audits the quality control system and manufacturing process. During this step, the ABS Surveyor determines hold points in the manufacturing process.
- Prior to any production and upon a successful audit, the

ABS Surveyor issues a Factory Approval Certificate valid for five (5) years, subject to annual audits.

### INSPECTION

- Next, the ABS Surveyor regularly visits the facility to monitor the quality control system and manufacturing process based on the pre-determined hold points.
- An application identifying each container by serial number is to be submitted for certification of a unique container.
- Upon completion of a specific container, the ABS Surveyor will perform a document review and witness testing (if applicable) and perform a visual inspection to mark and certify the container.

To learn more about ABS OC certification, please contact your local ABS office or e-mail [ABSContainers@eagle.org](mailto:ABSContainers@eagle.org).



### WORLD HEADQUARTERS

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