Material Manufacturer Approval



ABS Material Manufacturer Approval may be granted to facilities producing ABS-grade and non-ABS grade materials, including those manufactured to European Norm (EN), American Society for Testing of Materials (ASTM), proprietary specifications or other recognized industry standards for use in structures, machinery and other equipment governed by ABS classification requirements. Manufacturers pursuing approval are expected to maintain an International Organization for Standardization (ISO) or equivalent certification.

Types of Manufacturer Approvals

The approval process covers primary production facilities as well as material processing and distribution operations. Manufacturers are approved in accordance with one of the following categories:

- Steel, aluminum and structural pipe mills
- Forge facility
- Foundry
- Tail shaft repair and cladding facility
- Ship anchor chain or accessory manufacturer
- Offshore mooring chain or accessory manufacturer
- Heat treatment facility
- Rolled bar facility approval (intended for machinery applications)
- Welding consumable manufacturer
- Additive manufacturing facility

Products Certified by ABS

- Slabs
- Ingots
- Plates
- Sections
- Structural pipes (hollow tubulars)
- Castings and forgings (for hull structure and machinery applications)

*For a complete list of products, visit **www.eagle.org/materialsmanufacturers**.*



Approval Process

ABS Material Manufacturer Approval follows three primary steps:

1

Submission of manufacturing process and production details for technical review, including a qualification test plan when required.

2

Plant audit and witness qualification testing by an ABS surveyor.

3

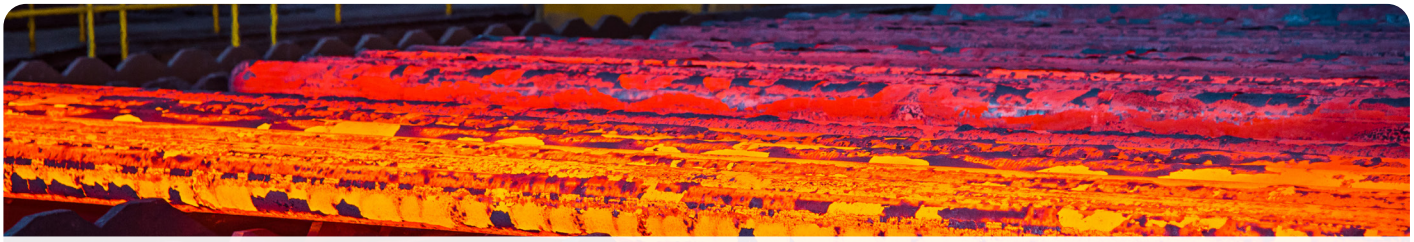
ABS engineering technical review of the qualification test results (when applicable) to issue an approval certificate.

Quality Assurance Program

ABS-approved product manufacturers may enroll in the ABS Quality Assurance (QA) Program. Mills under the QA program can receive product certification without requiring an ABS surveyor at every manufacturing stage, supported by periodic confirmatory quality audits.

Benefits of ABS Material Manufacturer Approval

- Demonstrated quality and reliability to your customers
- Verified compliance with international standards and ABS Rules
- Flexible approval pathways to align with business objectives
- Approval validity of five years
- Visibility through the ABS Materials Database



Connect with ABS

ABS is ready to support your material manufacturer approval needs. For more information or to start a conversation, contact us at **absmaterials@eagle.org** or visit **www.eagle.org/materialsmanufacturers**.

WORLD HEADQUARTERS
1701 City Plaza Dr., Spring, TX 77389 USA | +1 (281) 877-6000
ABS-WorldHQ@eagle.org | www.eagle.org

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