

Engineering Standard

SAES-D-101

31 October 2005

Regulated Vendors List for Pressure Vessels and Tanks

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1 Scope

This standard identifies acceptable manufacturers for SAMS Class 32 materials.

2 Conflicts and Deviations

- 2.1 Any conflicts between this standard and other applicable Saudi Aramco Engineering Standards (SAESs), Materials System Specifications (SAMSSs), Standard Drawings (SASDs), or industry standards, codes and forms shall be resolved in writing by the company or buyer representative through the Manager, Consulting Services Department of Saudi Aramco, Dhahran.
- 2.2 Direct all requests to deviate from this standard in writing to the Company or Buyer representative, who shall forward such requests to the Manager, Consulting Services Department of Saudi Aramco, Dhahran. The CSD Manager shall follow internal Company procedure [SAEP-133](#) to process the request.

3 References

The following is a summary of the Saudi Aramco documents and industrial standards that have been mentioned within this standard:

Saudi Aramco Engineering Procedure

[SAEP-133](#)

Instructions for the Development of a "Regulated Vendors List" Engineering Standard

4 Definitions

Terms shown in **bold** font within this document are defined below:

Approval: Written authorization by the Manager, Consulting Services Department, Saudi Aramco, Dhahran.

Acceptable: **Approval** is not required to place a purchase order for the product. After the order has been placed, the **supplier** of this product must ensure that he complies with all aspects of the purchasing contract (e.g., must meet the Saudi Aramco Materials System Specification).

9COM: "Commodity Classification Code".

License Agreement: A contract between a **supplier** and an owner of rights to an equipment design, allowing a **supplier** to either (1) assemble the equipment using all the pieces provided by the design owner or (2) assemble the equipment using a combination of pieces provided by the design owner and pieces manufactured by the licensee to the design owner's detailed drawings/specifications. The contract between

the licensor and licensee would (1) require the licensee to follow the licensor manufacturing procedures and be routinely audited by the licensor for compliance and (2) require the equipment to be marketed and labeled using the licensor's brand name.

Made: Created from raw materials and/or assembled by the manufacturer.

Manufacturer: Can be either (1) the owner of the brand name of the equipment or (2) a licensee that has a **license agreement**.

SAMSS: "Saudi Aramco Material System Specification".

Supplier: The person/company etc. who is responsible to provide the equipment to Saudi Aramco.

5 General

5.1 Procurement of a product made by a manufacturer not listed in Section 6 of this Standard is not allowed without approval. Requests for **approval** of an alternate **manufacturer** must be supported by documentation identifying how the alternate **manufacturer** would better serve Saudi Aramco over the **manufacturers** listed in this standard.

Commentary Note:

*If the request to procure from an alternate **manufacturer** is not approved, the **approval** authority is under no obligation to present the reasons for the refusal.*

5.2 The **manufacturer** listings within Section 6 shall be interpreted in the following manner:

5.2.1 Manufacturer is listed with the word "None" as a "Limitation". All products from the manufacturer in the given category (9COM and, if applicable, SAMSS) are acceptable.

5.2.2 Manufacturer is listed with a "Limitation": Only the product that meets the "Limitation" is acceptable. If noted as being manufactured "Under License", only products made under the terms of the license agreement are acceptable.

5.2.3 Manufacturer is listed with a specific "Location": Only products made in the specific Location or area(s) are acceptable.

6 Acceptable Manufacturers Listing

Refer to Saudi Aramco SAP system for the approved manufacturers for the following 9COM items:

9COM: 6000002521

Equipment Description: Pressure Vessel: Carbon Steel, Max. Wall thickness of 19 mm (0.75 in)

Specification: 32-SAMSS-004

9COM: 6000002522

Equipment Description: Pressure Vessel: Carbon Steel and Low Alloy, Max. Wall thickness of 38 mm (1.5 in)

Specification: 32-SAMSS-004

9COM: 6000002523

Equipment Description: Pressure Vessel: Stainless Steel (SS) and Other High Alloys, Non-Ferrous Steels

Specification: 32-SAMSS-004

9COM: 6000002524

Equipment Description: Pressure Vessel: Carbon Steel and Low Alloy, Wall thickness from 38 mm thru 76 mm (1.5 thru 3 in)

Specification: 32-SAMSS-004

9COM: 6000002525

Equipment Description: Pressure Vessel: Carbon Steel and Low Alloy, wall thickness greater than 76 mm (3 in)

Specification: 32-SAMSS-004

9COM: 6000002526

Equipment Description: Not Otherwise Listed (Process Designers, Rectangular Vessels, Small Pots, etc.)

Specification: 32-SAMSS-004

9COM: 6000002479

Equipment Description: Storage Tanks; Steel; Shop-Fabricated

Specification: 32-SAMSS-030

9COM: 6000002480

*Equipment Description: Storage Tanks; Steel; Field-Erected; Flat Bottom; for
Petroleum Products or Water Storage*

Specification: 32-SAMSS-005 and 32-SAMSS-006

9COM: 6000010731

Equipment Description: Storage Tanks; Dome Roof; Aluminum

Specification: 32-SAMSS-005

Revision Summary

31 October 2005 Minor revision in conjunction with the effort of synchronizing manufacturers' listing in this document and that in the SAP system to obtain a Company's single listing.
Revised the "Next Planned Update."