



Engineering Standard

SAES-A-300

14 December 2005

Regulated Vendors List
for Drilling Wellhead and Valves

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1 Scope

This standard identifies acceptable manufacturers for Wellhead equipment and related valves under Material Group 006000.

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, Drilling & Workover Engineering 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, Drilling & Workover Engineering Department of Saudi Aramco, Dhahran. The D&WOED 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 industry codes and standards that have been mentioned within this standard:

3.1 Saudi Aramco References

Saudi Aramco Engineering Procedure

[SAEP-133](#)

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

Saudi Aramco Materials System Specification

[45-SAMSS-005](#)

Valves and Wellhead Equipment Requirements per API SPEC 6A

3.2 Industry Codes and Standards

American Petroleum Institute

API SPEC 5B

Specification for Threading, Gauging

API SPEC 6A

Specification for Wellhead and Christmas Tree Equipment

<i>API SPEC 6D</i>	<i>Specification for Pipeline Valves</i>
<i>API SPEC 16A</i>	<i>Specification for Drilling Through Equipment</i>
<i>API SPEC 17D</i>	<i>Specification for Subsea Wellhead</i>

4 Definitions

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

Approval: Written authorization by the Manager, Drilling & Workover Engineering 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 Material #: Commodity material number.

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 material** 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(s) or area(s) are **acceptable**.

6 Acceptable Manufacturers Listing

Drilling Wellhead and related Valves.

Equipment Description: Adapter: Crown; 10M
9COM MATERIAL #: 6000003633
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Bonnet: Tubing; 2-5M
9COM Material #: 6000003635
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Bonnet: Tubing; Khuff; 10M
9COM Material #: 6000003637
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Bonnet: Tubing; For ESP
9COM MATERIAL #: 6000003639
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Bonnet: Tubing; Khuff w/Lower Manual Master Valve; 10M
9COM MATERIAL #: 6000003641
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Bushing Assembly:Pack-off
9COM MATERIAL #: 6000003653
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Completion Assembly; Tubing; Wellhead; 2-5M
9COM MATERIAL #: 6000003659
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Cross: Flow; Wellhead; 2-5M
9COM MATERIAL #: 6000003663
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Cross: Flow; Wellhead; 10M
9COM MATERIAL #: 6000003665
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Elbow: Flanged; With Riser; Drilling
9COM MATERIAL #: 6000003673
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Flange: Adapter; No Pack-Off; 2-5M
9COM MATERIAL #: 6000003675
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Flange: Adapter; No Pack-Off; 10M
9COM MATERIAL #: 6000003677
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Flange: Double Stud Pack-Off and Adapter; 2-5M
9COM MATERIAL #: 6000003687
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Flange: Double Stud Pack-Off and Adapter; 10M
9COM MATERIAL #: 6000003689
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Hanger Assembly; Casing; Mandrel
9COM MATERIAL #: 6000003703
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Hanger Assembly; Casing; Slip
9COM MATERIAL #: 6000003705
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Hanger Assembly; Tubing; 2-5M
9COM MATERIAL #: 6000003707
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Hanger Assembly; Tubing; 10M
9COM MATERIAL #: 6000003709
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Hanger Assembly; Tubing; For ESP
9COM MATERIAL #: 6000003711
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Mudline Suspension; Complete Assembly
9COM MATERIAL #: 6000003721
Specification: API SPEC 17D

+	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tools: Mudline Suspension
9COM MATERIAL #: 6000003723
Specification: API SPEC 17D

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Nipple: Polished; Tubing Hanger
9COM MATERIAL #: 6000003725
Specification: API SPEC 5B

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Penetrator: Electric; Wellhead; ESP
9COM MATERIAL #: 6000003731
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Plug:Valve Removal; Wellhead
9COM MATERIAL #: 6000003737
Specification:

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Plug: Test; BOP
9COM MATERIAL #: 6000003739
Specification:

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Protector: Bowl and Tools

9COM MATERIAL #: 6000003741

Specification:

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly: Casing Head;

9COM MATERIAL #: 6000003745

Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Support Unit: Casing Head; Wellhead

9COM MATERIAL #: 6000003747

Specification:

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly: Casing;
9COM MATERIAL #: 6000003749
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly:Drilling; 1-5M
9COM MATERIAL #: 6000003751
Specification: API SPEC 6A , API SPEC 16A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly:Drilling; 10M
9COM MATERIAL #: 6000003753
Specification: API SPEC 6A , API SPEC 16A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly: Tubing; 2-5M
9COM MATERIAL #: 6000003755
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Spool Assembly: Tubing; 10M
9COM MATERIAL #: 6000003757
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tee: Flow; Wellhead; 2-5M
9COM MATERIAL #: 6000003761
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tee: Flow; Wellhead; 10M
9COM MATERIAL #: 6000003763
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tee: Flow; 45 Deg. YBlk; Wellhead; 2-5M
9COM MATERIAL #: 6000003765
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tee: Flow; 45 Deg. YBlk; Wellhead; 10M
9COM MATERIAL #: 6000003767
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tree: Production; Khuff; 10M
9COM MATERIAL #: 6000003773
Specification: 45-SAMMS-005, API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tree: Production; Offshore; 2-5M
9COM MATERIAL #: 6000003775
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tree: Production; Onshore; 2-5M
9COM MATERIAL #: 6000003777
Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tree: Production; W/Self Contained Operated Actuator
9COM MATERIAL #: 6000003779
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tree: Power Water Injection;
9COM MATERIAL #: 6000003781
Specification: [45-SAMSS-005](#), API SPEC 6A , API SPEC 6D

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Ball;Manual; Wellhead; 2-5M
9COM MATERIAL #: 6000003783
Specification: API SPEC 6A, API SPEC 6D

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate; Manual; Wellhead; 2-5M

9COM MATERIAL #: 6000003785

Specification: [45-SAMSS-005](#), API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate; Manual; Wellhead; 10M

9COM MATERIAL #: 6000003787

Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Backpressure; TWCVC; Wellhead

9COM MATERIAL #: 6000003789

Specification: [45-SAMSS-005](#)

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Tools:Running; BPV & TWCV; Wellhead

9COM MATERIAL #: 6000003791

Specification:

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate; Hydraulic;SSV;Wellhead; 2-5M

9COM MATERIAL #: 6000003797

Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate; Hydraulic;SSV;Wellhead; 10M

9COM MATERIAL #: 6000003799

Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate;HCR; Drilling; 2-5M
9COM MATERIAL #: 6000003801
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Equipment Description: Valve: Gate;HCR; Drilling; 10M
9COM MATERIAL #: 6000003803
Specification: API SPEC 6A

MANUFACTURER	VENDOR/PLANT ID	LOCATION(S)	LIMITATION(S)

Revision Summary

14 December 2005 Revised the "Next Planned Update". Reaffirmed the contents of the document and reissued with no other changes.