

Engineering Standard

SAES-L-102

31 May, 2004

Regulated Vendors List for Valves

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Saudi Aramco DeskTop Standards

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1 Scope

This standard identifies acceptable manufacturers for SAMS Class 04 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).

CCC: "Commodity Classification Code".

9COM: Commodity 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 Materials 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 the SAP system 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 the SAP system.

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 the SAP system shall be interpreted in the following manner:

5.2.1 **Manufacturer** listed without "Limitation". All products from the **manufacturer** in the given category (**9COM** and, if applicable, **SAMSS**) are **acceptable**.

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

6 Acceptable Manufacturers Listing

Refer to the SAP system for the latest approved vendors for the following 9COM's (CCC's):

Equipment Description: Valve: Ball; Seat Supported;
Steel; Flanged or Buttwelded Ends
9COM: 6000000239 (CCC: 040006)
Specification: 04-SAMSS-051

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Equipment Description: Valve: Ball; Seat Supported;
Metal; Socket Weld, Threaded, or Special Ends
9COM: 6000000340 (CCC: 040007)

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Equipment Description: Valve: Ball; Fully Welded; Trunnion Supported;
Steel; API 6A 2000-5000 psi; Flanged or Buttweld Ends
9COM: 6000000241 (CCC: 040009)
Specification: 04-SAMSS-052

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Equipment Description: Valve: Ball; Fully Welded; Trunnion Supported;
Steel; 2 thru 24 Inch; ANSI 150 and Up; Flanged or Buttweld Ends
9COM: 6000000242 (CCC: 040010)
Specification: 04-SAMSS-051

||

Equipment Description: Valve: Ball; Fully Welded; Trunnion Supported;
Steel; 26 Inch and Up; ANSI 150 and Up; Flanged or Buttweld Ends
9COM: 6000000243 (CCC: 040011)
Specification: 04-SAMSS-051

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Equipment Description: Valve: Ball; Trunnion Supported;
Steel; Metal Seated; Flanged or Buttweld Ends
9COM: 6000000244 (CCC: 040014)
Specification: Per 04-SAMSS-051, Appendix A

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Equipment Description: Valve: Ball; Top Entry; Rising Stem;
Single Soft or Metal Seated; Steel; Flanged or Buttweld Ends; Orbit or Equal
9COM: 6000000245 (CCC: 040015)

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Equipment Description: Valve: Ball; ¼ Inch to 2 Inch;
Steel; Any Rating; Socket Weld/Threaded or Special Ends
9COM: 6000000246 (CCC: 040016)

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Equipment Description: Valve: Ball; Seat Supported Ball;
Any Metal; 2 thru 24 Inch; Any Rating; Any Ends
9COM: 6000000247 (CCC: 040017)

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Equipment Description: Valve: Ball; Split Body; Trunnion Supported;
Steel; API 6A 2000-5000 psi; Flanged or Butt weld Ends
9COM: 6000000248 (CCC: 040019)
Specification: 04-SAMSS-052

||

Equipment Description: Valve: Ball; Split Body; Trunnion Supported;
Steel; 26 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000249 (CCC: 040020)
Specification: 04-SAMSS-051

||

Equipment Description: Valve: Ball; Split Body; Trunnion Supported;
Steel; 2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000250 (CCC: 040021)
Specification: 04-SAMSS-051

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Equipment Description: Valve: Ball; Wafer; Any Material;
Any Pressure Rating; To Maximum 4 Inch NPS
9COM: 6000000251 (CCC: 040022)

||

Equipment Description: Valve: Ball; Top Entry; Trunnion Supported;
Steel; 26 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000252 (CCC: 040024)
Specification: 04-SAMSS-051

Equipment Description: Valve: Ball; Top Entry; Trunnion Supported;
Steel; 2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000253 (CCC: 040025)
Specification: 04-SAMSS-051

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Equipment Description: Valve: Ball; Scraper Launching; Steel;
Any Rating; Flanged or Butt weld Ends
9COM: 6000000254 (CCC: 040026)
Specification: 04-SAMSS-051

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Equipment Description: Valve: Butterfly; Non-Ferrous Materials;
Up to 12 Inch; Any Rating; All Ends
9COM: 6000000255 (CCC: 040027)

||

Equipment Description: Valve: Butterfly; Steel; 26 Inch and Up;
Any Rating; Flanged or Butt weld Ends
9COM: 6000000256 (CCC: 040028)
Specification: API STD 609

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Equipment Description: Valve: Butterfly; Steel; High Performance;
2 Inch and Up; ANSI 150 and Up

9COM: 6000000257 (CCC: 040029) ||
Specification: API STD 609

Equipment Description: Valve: Butterfly; Cast Or Ductile Iron;
Internally Lined; 2 Inch Up to 12 Inch; Any Rating ||
9COM: 6000000258 (CCC: 040030)
Specification: API STD 609

Equipment Description: Valve: Butterfly; Non-Ferrous Materials;
14 Inch; and Above; Any Rating; All Ends ||
9COM: 6000000259 (CCC: 040031)

Equipment Description: Valve: Butterfly; Cast or Ductile Iron;
Internally Lined; 14 Inch and Above; Any Rating ||
9COM: 6000000260 (CCC: 040032)
Specification: API STD 609

Equipment Description: Valve: Check; Swing; Full Opening;
Metal Seated; Steel; 2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends ||
9COM: 6000000261 (CCC: 040033)
Specification: 04-SAMSS-005

Equipment Description: Valve: Check; Swing; Full Opening;
Metal Seated; Steel; 26 In. and Up; ANSI 150 and Up; Flanged or Butt weld Ends ||
9COM: 6000000262 (CCC: 040034)
Specification: 04-SAMSS-005

Equipment Description: Valve: Check; Swing; Wafer; Single Plate;
Any Size; Any Rating ||
9COM: 6000000263 (CCC: 040035)
Specification: API STD 594

Equipment Description: Valve: Check; Ball; Steel; ¼ thru 2 Inch;
Any Rating; Flanged or Butt weld Ends ||
9COM: 6000000264 (CCC: 040036)

Equipment Description: Valve: Check; Wafer; Dual Plate;
Steel; Any Size; API 6A 2000 thru 5000 psi ||
9COM: 6000000266 (CCC: 040042)

Equipment Description: Valve: Check; Wafer; Dual Plate;
Non-Ferrous Materials; Up to 12 Inch; Any Rating ||
9COM: 6000000267 (CCC: 040043)

Equipment Description: Valve: Check; Wafer; Dual Plate; Steel;
2 Inch and Up; ANSI 150 and Up

9COM: 6000000268 (CCC: 040044)
Specification: API STD 594

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Equipment Description: Valve: Check; Piston; Intrinsically Dampened;
Non-Slam; Steel; Any Size; Any Rating; Flanged or Butt weld Ends
9COM: 6000000269 (CCC: 040048)

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Equipment Description: Valve: Check; Any Type; ½ thru 2 Inch; Steel;
Any Rating; Threaded, Socket weld or Special Ends
9COM: 6000000270 (CCC: 040054)

Equipment Description: Valve: Check; Piston; Steel; 1 Inch and Up;
ANSI Class 150 And Up; Flanged or Butt weld Ends
9COM: 6000000271 (CCC: 040055)

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Equipment Description: Valve: Butterfly; High Performance;
Triple Eccentric Design; Metal Seated; Zero Leakage; Any Size;
Any Rating; All Ends; API 609 Category B
9COM: 600000272 (CCC: 040056)

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Equipment Description: Valve: Check; Swing; Regular; Metal Seated;
Steel 2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000273 (CCC: 040061)
Specification: 04-SAMSS-005

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Equipment Description: Valve: Check; Swing; Regular;
Steel; 26 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000274 (CCC: 040062)
Specification: 04-SAMSS-005

||

Equipment Description: Valve: Check; Swing; Regular;
Cast or Ductile Iron; Up to 12 Inch; Any Rating; Flanged End
9COM: 6000000275 (CCC: 040063)

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Equipment Description: Valve: Check; Swing; Regular;
Cast or Ductile Iron; 14 Inch and Up; Any Rating; Flanged Ends
9COM: 6000009454 (CCC: 040064)

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Equipment Description: Valve: Check; Tilting Disc; Steel;
2 thru 24 Inch; ANSI 150 and Up; Flanged Ends or Butt weld
9COM: 6000000278 (CCC: 040069)

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Equipment Description: Valve: Choke; Steel; 2 Inch and Up;
API 6A 2000 thru 5000; Flanged or Butt weld Ends; Needle Type
9COM: 6000000280 (CCC: 040071)

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Equipment Description: Valve: Choke; Steel; 2 Inch and Up; API 6A 2000 thru 5000;
Flanged or Butt weld Ends; Plug and Cage or Internal Sleeve Type
9COM: 6000000284 (CCC: 040075) ||

Equipment Description: Valve: Gate; Parallel Slide; Steel; 2 Inch and Up;
ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000286 (CCC: 040078) ||

Equipment Description: Valve: Gate; Split Wedge; Steel;
1 Inch and Up; Flanged or Butt weld Ends
9COM: 6000000287 (CCC: 040080) ||
Specification: 04-SAMSS-001

Equipment Description: Valve: Gate; thru Conduit; Soft Seated;
Steel; 2 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000288 (CCC: 040082) ||
Specification: 04-SAMSS-050

Equipment Description: Valve: Gate; thru Conduit; Metal Seated;
Steel; 2 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000289 (CCC: 040083) ||
Specification: 04-SAMSS-050

Equipment Description: Valve: Gate; thru Conduit; Expanding Gate; Steel;
2 Inch and Up; Ansi 150 and Up; Flanged or Butt weld Ends
9COM: 6000000290 (CCC: 040084) ||
Specification: 04-SAMSS-050

Equipment Description: Valve: Gate; Non-Ferrous; 14 Inch and Above;
Any Rating; All Ends
9COM: 6000007432 (CCC: 040087) ||

Equipment Description: Valve: Gate; Non-Ferrous; Up to 12 Inch;
Any Rating; All Ends
9COM: 6000000292 (CCC: 040088) ||

Equipment Description: Valve: Gate; Wedge; Steel; 1 thru 24 Inch;
ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000000293 (CCC: 040089) ||
Specification: 04-SAMSS-001

Equipment Description: Valve: Gate; Wedge; Steel; 26 Inch and Up;
Flanged or Butt weld Ends
9COM: 6000000294 (CCC: 040090) ||
Specification: 04-SAMSS-001

Equipment Description: Valve: Gate; Wedge; Steel; Up to 4 Inch;
Any Rating; Threaded, Socketweld, or Special Ends (Flanged or Butt-weld Ends)
9COM: 6000000295 (CCC: 040091) ||
Specification: API STD 602/606

Equipment Description: Valve: Gate; Wedge or Double Disc;
Cast or Ductile Iron; Up to 12 Inch; Any Rating; All Ends
9COM: 6000000296 (CCC: 040092) ||
Specification: AWWA/UL/FM

Equipment Description: Valve: Gate; Wedge or Double Disc;
Cast or Ductile Iron; 14 Inch and Above; Any Rating; All Ends
9COM: 6000000297 (CCC: 040093) ||
Specification: AWWA/UL/FM

Equipment Description: Valve: Gate; Wedge; Soft-Seated; Steel; Any Size;
Any Rating; Flanged or Butt-weld Ends
9COM: 6000000298 (CCC: 040096) ||
Specification: 04-SAMSS-001; Appendix A

Equipment Description: Valve: Globe; Non-Ferrous; Any Size; Any Rating;
Any Ends
9COM: 6000000299 (CCC: 040102) ||

Equipment Description: Valve: Globe; Steel; Up to 4 Inch; Any Rating;
Threaded, Socketweld, or Special Ends (Flanged or Butt-weld Ends)
9COM: 6000000300 (CCC: 040103) ||
Specification: API STD 602/606 (Modified)

Equipment Description: Valve: Globe; Steel; 2 Inch and Up; ANSI 150 and Up;
Flanged or Butt-weld Ends
9COM: 6000000301 (CCC: 040104) ||
Specification: 04-SAMSS-002

Equipment Description: Valve: Globe; Cast or Ductile Iron; Any Size;
Any Rating; Any Ends
9COM: 600000302 (CCC: 040105) ||

Equipment Description: Valve: Instrument; Any Materials, Pressure Rating, and Size
9COM: 6000000304 (CCC: 040115) ||

Equipment Description: Valve: Plug; Expanding; Any Materials, Pressure Rating,
and Size
9COM: 6000000307 (CCC: 040118) ||
Specification: 04-SAMSS-041

Equipment Description: Valve: Plug; Lubricated; Steel or Ductile Iron;
Any Pressure Rating; Any Size
9COM: 6000000308 (CCC: 040119) ||
Specification: API STD 599/ANSI B16.34

Equipment Description: Valve: Plug; Non-Lubricated; Steel or Ductile Iron;
Any Pressure Rating; Any Size
9COM: 6000000309 (CCC: 040120) ||
Specification: API STD 599/ANSI B16.34

Equipment Description: Valve: Plug; Steam Jacketed; Any Materials,
Pressure Rating, and Size; All Ends
9COM: 6000000310 (CCC: 040121) ||

Equipment Description: Valve: Shut-Off; Piston Type; Axial Flow;
Pressure Balanced; Steel; Any Pressure Rating, Any Size
9COM: 6000000311 (CCC: 040122) ||

Equipment Description: Valve: Choke; Needle-and-Seat Type; Steel;
1-13/16 In. and Up; API 6A; 10000 psi; Hubbed, Flanged and Butt weld Ends
9COM: 6000000313 (CCC: 040125) ||
Specification: 04-SAMSS-049

Equipment Description: Valve: Gate; 1-13/16 In. & Up; API 6A; 10000 psi;
Hubbed, Flanged, and Butt weld Ends
9COM: 6000000314 (CCC: 040126)
Specification: 04-SAMSS-049

Equipment Description: Valve: Choke; Automatic Plug-and-Cage Type; Steel;
1-13/16 In. & Up; API 6A; 10000 psi; Hubbed, Flanged and Butt weld Ends
9COM: 6000000315 (CCC: 040127) ||
Specification: 04-SAMSS-049

Equipment Description: Valve: Plug; 4-Way Diverter; Steel; 2 thru 24 Inch;
ANSI 150 thru 600; Flanged or Butt weld Ends
9COM: 6000000317 (CCC: 040130) ||
Specification: 04-SAMSS-042

Equipment Description: Valve: Ball; Top Entry; Trunnion Supported; Steel;
API 6A 2000-5000 psi; Flanged or Butt weld Ends
9COM: 6000000318 (CCC: 040131) ||
Specification: 04-SAMSS-052

Equipment Description: Valve: Ball; Non-Ferrous Materials; Any Size;
Any Rating; All Ends

9COM: 6000000319 (CCC: 040132) ||

Equipment Description: Valve: Ball; Multiport; Steel; Any Size; Any Rating;
All Ends

9COM: 6000000320 (CCC: 040133) ||

Equipment Description: Valve: Check; Swing; Full Opening; Soft Seated; Steel;
2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends

9COM: 6000000321 (CCC: 040134) ||

Specification: 04-SAMSS-005; Appendix A, B, or D

Equipment Description: Valve: Check; Swing; Steel; Any Size; API 6A 2000-5000;
Flanged Ends or Butt weld Ends

9COM: 6000000323 (CCC: 040136) ||

Equipment Description: Valve: Check; Any Type; Non-Ferrous; Up to 12 Inch;
Any Rating; Any Ends

9COM: 6000000324 (CCC: 040137) ||

Equipment Description: Valve: Stop-Check; Steel; Any Size; Any Rating; Any Ends

9COM: 6000000325 (CCC: 040138) ||

Equipment Description: Valve: Check; Swing; Regular; Soft Seated; Steel;
2 thru 24 Inch; ANSI 150 and Up; Flanged or Butt weld Ends

9COM: 6000000326 (CCC: 040139) ||

Specification: 04-SAMSS-005; Appendix A, B

Equipment Description: Valve: Check; Wafer; Dual Plate; Cast or Ductile Iron;
Up to 12 Inch; Any Rating

9COM: 6000000327 (CCC: 040141) ||

Specification: API STD 594

Equipment Description: Valve: Plug; Cast Iron; Any Pressure Rating,
Up to 12 Inch; All Ends

9COM: 6000000328 (CCC: 040142) ||

Equipment Description: Valve: Gate; 2-1/16 Inch and Up; API 6A; 2000-5000 psi;
Hubbed, Flanged, or Butt weld Ends

9COM: 6000000330 (CCC: 040144) ||

Equipment Description: Manifold: Valve; Engineered; Assembly; Including
Isolation Valves and Branch Service Valves; All Materials; All Sizes; All Types

9COM: 6000000335 (CCC: 040150) ||

Equipment Description: Valve: Ball; One Piece, All Sizes; All Material Types

9COM: 6000000336 (CCC: 040151)

Equipment Description: Valve: Hydrant Pit; for Aircraft Refueling; All Sizes;
All Material Types; All Valve Types
9COM: 6000000338 (CCC: 040301) ||

Equipment Description: Valve: Knife; All Sizes; All Materials; All Pressures;
All End Connections
9COM: 6000000342 (CCC: 040501) ||

Equipment Description: Valve: Tubing; All Valve Types; Steel; 9/16 Inch;
10000 psi and Up; F562C or Equal End Connections; Khuff Gas Service
9COM: 6000000343 (CCC: 040505) ||

Equipment Description: Valve: Check; Tilting Disc; 26 Inch and Up;
ANSI 150 AND Up; Flanged Ends or Butt weld
9COM: 6000010108 (CCC: 040070) ||

Equipment Description: Valve: Check; Swing" Full Opening; Soft Seated; Steel;
26 Inch and Up; ANSI 150 and Up; Flanged or Butt weld Ends
9COM: 6000010109 (CCC: 040135) ||
Specification: 04-SAMSS-005; Appendix A, B or D

Equipment Description: Valve: Single Active Safety Selector
9COM: 6000010240 (CCC: 040147) ||

Equipment Description: Valve: Cracking Catalyst; All Sizes; All Material Types;
All Valve Types
9COM: 6000010241 (CCC: 040401) ||

Revision Summary

31 May, 2004

Revised the "Next Planned Update". Reaffirmed the contents of the document, and reissued with minor revision.