



Engineering Standard

SAES-L-101

4 July 2013

Regulated Vendors List for Pipes, Fittings, Flanges and Tubes

Document Responsibility: Materials and Corrosion Control Standards Committee

Saudi Aramco DeskTop Standards

Table of Contents

1	Scope.....	2
2	Conflicts and Deviations.....	2
3	References.....	2
4	Definitions.....	2
5	General.....	3
6	Restrictions for the First Order.....	4
7	Restrictions on Manufacturing Process.....	5
8	Acceptable Manufacturers Listing.....	6
8.1	Pipe.....	6
8.2	Pipe Fittings.....	7
8.3	Clad/Lined Pipe and Piping Components...	10
8.4	Tubes.....	11
8.5	Non-Metallic Pipe.....	11

Previous Issue: 8 August 2012 Next Planned Update: 8 August 2017

Revised paragraphs are indicated in the right margin

Primary contact: Al-Anezi, Mohammed Ali on +966-3-8809528

Page 1 of 11

1 Scope

- 1.1 This Standard specifies the Pipes, Fittings, Flanges and Tubes, within the scope of [SAES-L-100](#), that are RVL controlled per [SAEP-133](#) requirements.
- 1.2 This Standard mandates Pipes, Fittings, Flanges and Tubes that shall be procured from approved Saudi Aramco manufacturers.

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:

9COM: Commodity Classification Code number used in the SAP system to procure material. This has replaced the old **CCC**.

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.” This is the old designator for commodities.

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 8 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 Approval of manufacturers based on desk review only is not acceptable.

5.3 For the purpose of procurement of small quantity seamless and LSAW pipes in accordance to [01-SAMSS-038](#), all approved manufacturers shall be considered as approved stockists.

Commentary:

Refer [01-SAMSS-038](#) for the definition of small quantity.

5.4 Restrictions pertaining to approval of HFW pipe manufacturers are listed in paragraph 8.1.1 of [01-SAMSS-333](#).

- 5.5 The **manufacturer** listings within [Section 8](#) shall be interpreted in the following manner:
- 5.5.1 **Manufacturer** is without listed with the word “None” as a “Limitation” or the word “Any” as a “Location”: All products from the manufacturer in the given category (**CCC** and, if applicable, **SAMSS**) are **acceptable**.
- 5.5.2 **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**.
- 5.5.3 **Manufacturer** is listed with a specific “Location.” Only products made in the specific Location or area(s) are **acceptable**.
- 5.6 Clad pipe and the associated clad induction bends for a specific project shall be procured together from the same manufacturer. The pipe manufacturer can outsource induction bending operation to any Saudi Aramco approved induction bending facility.
- 5.7 Clad spools composed of weld overlaid fittings, straight pipe, flanges (9COM numbers 6000014012, 6000014013 and 6000014018) shall be placed together on the same manufacturer.

Commentary:

The restrictions stipulated in 5.6 and 5.7 are intended to prevent mismatch of the internal diameters between the piping components during fabrication of clad spools.

6 Restrictions for the First Order

Metallic Pipes

Following restriction apply while placing the order on an approved manufacturer for the first time:

- A. The order shall be restricted to non-sour service. The manufacturer may be approved for sour service after executing non-sour orders corresponding to a minimum cumulative quantity of 1000 tons. Any technical problems reported during execution of trial orders shall be reported to the Chairman of Materials and Corrosion Control Standards Committee. Any technical problems during execution of trial orders shall result in delay in approval of pipes for sour service or withdrawal of approval. The above requirements also apply to placing orders on vendors for the first time after removal of hold.
-

- B. Order quantity for the first order shall not exceed 10 kms. Any technical problems reported during production of first order/initial orders may result in placing the manufacturer on-hold.
- C. Higher level of Inspection shall be ensured by VID.

7 Restriction on Manufacturing Process

7.1 All commodities including Pipes, Fittings, Flanges and Tubes covered by this standard shall be manufactured by the company that is awarded the purchase order.

7.2 Flanges

All flange manufacturers shall have the required equipment for forging and heat treatment either in-house or in a wholly owned subsidiary approved by Saudi Aramco. Flange manufacturers are not permitted to procure rough forging for further processing. All forging and heat treatment operations shall be performed by the same manufacturer. Machine shops are not considered flange manufacturing facility. These requirements apply only to standard flanges procured in accordance with [02-SAMSS-011](#). These requirements do not apply to non-standard engineered flanges and clamp connectors.

7.3 Tubes

7.3.1 Straight Tubes

All tube manufacturers shall have the required equipment for forming, welding, drawing, extrusion, non destructive testing, hydrotesting/leak testing either in-house or in a wholly owned subsidiary approved by Saudi Aramco. It is not acceptable to outsource any of the above operations.

7.3.2 U-Tubes

It is acceptable for a tube mill to outsource bending, heat treatment and subsequent testing operation for U-tubes. Approval for U-tubes shall not be accorded to manufactures/stockists that buy finished tubes from an approved mill or unapproved tube mill and carry out bending, heat treatment and subsequent testing in-house.

7.4 All commodities covered by this specification shall be manufactured by company that is awarded the purchase order.

7.5 It is not acceptable for the manufacturer to stamp their companies name and logo on commodities procured as finished or semi-finished products from another manufacturer (even from Saudi Aramco approved sources). Violation to

this clause may result in placing the manufacturer on-hold or on permanent delinking from the procurement system.

8 Controlled 9COM Numbers

All commodities listed below shall be procured only from the manufacturers listed in Saudi Aramco SAP system and approved for the specific commodity to be procured.

8.1 Pipe

9COM	Equipment Description: PIPE	Specification	Inspection Category
6000000002	PIPE: STEEL; COATED; EXTERNAL; WEIGHT CONCRETE	01-SAMSS-012	IDCAT-A
6000000012	PIPE: STEEL API 5L; GRADE B THROUGH X65; SINGLE STRAIGHT SEAM SAW; SOUR SERVICE	01-SAMSS-035	IDCAT-A
6000000013	PIPE: STEEL, API 5L GRADE B, THROUGH X-70, SEAMLESS	01-SAMSS-035	IDCAT-A
6000000015	BEND PIPE; 3-D AND LARGER NPS, STEEL, 01-SAMSS-039 , INDUCTION PIPE BENDS	01-SAMSS-039	IDCAT-A
6000000017	PIPE: STEEL; ASTM A671 CLASS 22, SINGLE STRAIGHT SEAM SAW; LOW TEMPERATURE; SIZE 6 INCH AND LARGER	01-SAMSS-043	IDCAT-A
6000000018	PIPE: STEEL; ASTM A333; ALL GRADES; LOW TEMPERATURE; SEAMLESS	01-SAMSS-043	IDCAT-A
6000000044	PIPE METALLIC; ALL SIZE, NPS, STEEL, GR GRADE B THRU X70, HFW, API 5L, 01-SAMSS-333 CLASS C, NON-SOUR SERVICE	01-SAMSS-333 CLASS C	IDCAT-A
6000000045	PIPE: CARBON STEEL; API 5L GRADE B THRU X-65; HFW; ALL SIZES SOUR SERVICE EXCEPT SOUR GAS AND OFFSHORE	01-SAMSS-333 CLASS B	IDCAT-A
6000000046	PIPE: PIPE METALLIC; ALL SIZE NPS, STEEL, GR B THRU X-65,HFW,API 5L, 01-SAMSS-333 , FOR SOUR GAS SERVICE ONSHORE, CLASS C	01-SAMSS-333 CLASS C	IDCAT-A
6000000049	PIPE: PIPE METALLIC; ALL SIZE NPS, STEEL, GR GRADE B THRU X70,HFW, API 5L, 01-SAMSS-333 CLASS B, NON SOUR SERVICE	01-SAMSS-333 CLASS B	IDCAT-A
6000000052	PIPE: CARBON STEEL; ASTM A106 GRADE B; SEAMLESS; ALL SIZES	01-SAMSS-043	IDCAT-A
6000000053	PIPE: METALLIC; ALL SIZES NPS, ALLOY STEEL, GR ALL GRADES, SEAMLESS, ASTM A335, HIGH TEMPERATURE	ASTM A335	IDCAT-A
6000000054	PIPE: METALLIC; ANY SIZE NPS, NICKEL AND NICKEL ALLOY, SEAMLESS OR WELDED, ASTM AS APPLICABLE	ASTM- (as applicable)	IDCAT-A
6000000055	PIPE: STAINLESS STEEL; ASTM; ANY PROCESS; ANY SIZE	01-SAMSS-046	IDCAT-A

9COM	Equipment Description: PIPE	Specification	Inspection Category
600000060	PIPE: PIPE; HEADER; EXTRUDED OR REINFORCED BRANCHES; ANY APPLICATION		IDCAT-C
6000000640	PIPE: METALLIC; STEEL, API 5L GR GR B THRU X56, SEAMLESS OR SAW, MILL VARNISH, SQUARE OR BEVELED ENDS, 12-SAMSS-018 , FOR STRUCTURAL USE ONLY	12-SAMSS-018	IDCAT-A
6000007761	PIPE: ALLOY STEEL; ASTM A691, ALL GRADES; HIGH TEMPERATURE; ELECTRIC FUSION WELDED WITH FILLER ADDITION	ASTM A691	IDCAT-B
6000010871	PIPE: METALLIC; 6 IN AND LARGER, STRAIGHT SAW; GRADE B THRU X70; NON SOUR SERVICE	01-SAMSS-035	IDCAT-A
6000010874	PIPE: STEEL; API 5L GRADE B THROUGH X-70; SPIRAL WELDED SAW; NON-SOUR SERVICE, 18 INCH AND LARGER	01-SAMSS-035	IDCAT-A
6000011875	PIPE METALLIC; ERW/HFI, OFFSHORE STRUCTURAL, API 5L GRADE B THRU X-56	01-SAMSS-333 , 12-SAMSS-018	IDCAT-A
6000014200	CuNi PIPE	EEMUA 144	IDCAT-A

8.2 Pipe Fittings

9COM	Equipment Description: PIPE FITTINGS	Specification	Inspection Category
6000000072	FLANGE: PIPE; ANCHOR; FORGED; ANY STEEL		IDCAT-B
6000000073	BEND: PIPE; RETURN; ALLOY STEEL	ASTM	IDCAT-C
6000000074	BEND: PIPE; RETURN; CARBON STEEL	02-SAMSS-005	IDCAT-A
6000000075	BEND: PIPE; RETURN; LOW TEMPERATURE CARBON STEEL	02-SAMSS-005	IDCAT-A
6000000076	BOSS: PIPE; WELDING BOSS; ANY METAL		IDCAT-C
6000000077	BUSHING: PIPE; ANY METAL		IDCAT-C
6000000078	CAP: PIPE; BUTT WELD; STEEL ALLOY	ASME B	IDCAT-B
6000000079	CAP: PIPE; BUTT WELD; CARBON STEEL	02-SAMSS-005	IDCAT-A
6000000080	CAP: PIPE; BUTT WELD; LOW TEMP STEEL	02-SAMSS-005	IDCAT-A
6000000081	CAP: PIPE; SOCKET WELD OR THREADED; ALLOY; ANY SIZE	02-SAMSS-005	IDCAT-C
6000000082	CAP: PIPE; SOCKET WELD OR THREADED; CARBON STEEL; ANY SIZE	02-SAMSS-005	IDCAT-C
6000000086	COUPLING: PIPE; SOCKET WELD OR THREADED; CARBON STEEL; ANY SIZE	02-SAMSS-005	IDCAT-C
6000000087	COUPLING: PIPE; SOCKET WELD OR THREADED; ALLOY; ANY SIZE	02-SAMSS-005	IDCAT-C

9COM	Equipment Description: PIPE FITTINGS	Specification	Inspection Category
6000000089	BRANCH: PIPE; ELBOW-LET, WELDOLET, THREDOLET, SOCKLET, LATROLET, ETC; ANY METAL; ANY SIZE; SPECIAL: INTEGRALLY REINFORCED CONNECTION	02-SAMSS-005	IDCAT-A
6000000090	ELBOW: PIPE; BUTT WELD; ALLOY STEEL	ASTM / ASME (as applicable)	IDCAT-A
6000000091	ELBOW: PIPE; BUTT WELD; CARBON STEEL	02-SAMSS-005	IDCAT-A
6000000092	ELBOW: PIPE; BUTT WELD; LOW TEMP STEEL	02-SAMSS-005	IDCAT-A
6000000093	ELBOW: PIPE; SOCKET WELD OR THREADED; ALLOY	ASME B16.11	IDCAT-C
6000000094	ELBOW: PIPE; SOCKET WELD OR THREADED; CARBON STEEL	ASME B 16.11	IDCAT-C
6000000095	ELBOW: PIPE; SOCKET WELD; LOW TEMP. STEEL	02-SAMSS-005	IDCAT-A
6000000097	JOINT: PIPE; EXPANSION; ANY METAL	ASME B16.5	IDCAT-A
6000000098	FLANGE: PIPE; ASSEMBLY: SWIVEL RING; CARBON STEEL		IDCAT-B
6000000100	FLANGE: PIPE; BLIND FLANGE; CARBON STEEL	ASME B16.5; ASME B16.47; (as applicable)	IDCAT-B
6000000101	FLANGE: PIPE; BLIND; ALLOY STEEL	02-SAMSS-011	IDCAT-B
6000000103	FLANGE: PIPE; BLIND FLANGE; LOW TEMP STEEL	02-SAMSS-011	IDCAT-A
6000000104	FLANGE: PIPE; LAP-JOINT; ANY STEEL	02-SAMSS-011 , ANSI B16.5	IDCAT-C
6000000105	FLANGE: PIPE; PLIDCO FLANGE; FOR PIPELINE REPAIR		IDCAT-B
6000000106	FLANGE: PIPE; SLIP ON; ALLOY STEEL	ANSI B16.5	IDCAT-B
6000000107	FLANGE: PIPE; SLIP ON; CARBON STEEL	ANSI B16.5	IDCAT-B
6000000108	FLANGE: PIPE; SLIP ON; LOW TEMP STEEL	02-SAMSS-011	IDCAT-A
6000000109	FLANGE: PIPE; SOCKET WELD; ALLOY STEEL	ANSI B16.5	IDCAT-C
6000000110	FLANGE: PIPE; SOCKET WELD; CARBON STEEL	ANSI B16.5	IDCAT-C
6000000111	FLANGE: PIPE; SOCKET WELD; LOW TEMP STEEL	ASNI B16.5	IDCAT-A
6000000114	FLANGE: PIPE; WELD NECK; ALLOY STEEL	02-SAMSS-011	IDCAT-A
6000000115	FLANGE: PIPE; WELD NECK; CARBON STEEL	02-SAMSS-011	IDCAT-A
6000000116	FLANGE PIPE; WN TYPE, LOW TEMP	02-SAMSS-011	IDCAT-A
6000000123	NIPPLE: PIPE; ANY METAL		IDCAT-C
6000000124	FLANGE: PIPE; SPECTACLE PLATE; ANY STEEL		IDCAT-B
6000000126	REDUCER: PIPE; BUTT WELD; ALLOY STEEL		IDCAT-A
6000000127	REDUCER: PIPE; BUTT WELD; CARBON STEEL	02-SAMSS-005	IDCAT-A

9COM	Equipment Description: PIPE FITTINGS	Specification	Inspection Category
6000000128	REDUCER: PIPE; BUTT WELD; LOW TEMP STEEL	02-SAMSS-005	IDCAT-A
6000000129	REDUCER: PIPE; SOCKET WELD OR THREADED; ANY METAL	ANSI B16.11	IDCAT-C
6000000130	SADDLE: PIPE; FULL ENCIRCLEMENT; STEEL; TWO HALVES; EXTRUDED OR FORGED BRANCH; FOR HOT TAPPING	02-SAMSS-005 , 02-SAMSS-006	IDCAT-A
6000000134	SLEEVES: PIPE; TWO HALVES; BOLTED FLANGES; STEEL; FOR PIPE REPAIR		IDCAT-C
6000000135	SLEEVE: PIPE; TWO HALVES; PIPE REPAIR; WITH WELD STRAP; CARBON STEEL; NON-PRESSURE CONTAINING	Std. Dwg. AB-036642	IDCAT-C
6000000136	SLEEVE: PIPE; TWO HALVES; PIPE REPAIR; BUTT WELD; PRESSURE CONTAINING; CARBON STEEL	Lib. Dwg. DC-950073 ; 01-SAMSS-035	IDCAT-C
6000000137	SPACER: FLANGE: PIPE SPACER; ANY METAL	ASME B16.5; ASME B16.47; (as applicable)	IDCAT-C
6000000140	STUB END: PIPE; ALLOY STEEL	02-SAMSS-011	IDCAT-C
6000000141	STUB END: PIPE; CARBON STEEL	02-SAMSS-011	IDCAT-C
6000000142	STUB END: PIPE; LOW TEMP STEEL	02-SAMSS-005	IDCAT-A
6000000145	TEE: PIPE; BUTT WELD; ALLOY STEEL		IDCAT-A
6000000146	TEE: PIPE; BUTT WELD; CARBON STEEL	02-SAMSS-005	IDCAT-A
6000000147	TEE: PIPE; PIPE; BUTT WELD; LOW TEMPERATURE	02-SAMSS-005	IDCAT-A
6000000148	TEE: PIPE; SOCKET WELD OR THREADED; ALLOY	ASME B16.11	IDCAT-C
6000000149	TEE: PIPE; SOCKET WELD OR THREADED; CARBON STEEL	02-SAMSS-005 , ASME B16.11	IDCAT-C
6000000150	TEE: PIPE; SPLIT TEE; STEEL; EXTRUDED OR WELDED BRANCH; FLANGE WELDED TO BRANCH; FOR HOT TAPPING	02-SAMSS-006	IDCAT-A
6000000153	TEE: PIPE; SOCKET WELD OR THREADED; LOW TWMP STEEL	ASME B16.11 / 02-SAMSS-005	IDCAT-C
6000000159	Y-TEE: PIPE; FORGED; ANY METAL; ANY SIZE; SPECIAL: INTEGRALLY REINFORCED BRANCH CONNECTION	02-SAMSS-005	IDCAT-C
6000000160	FITTINGS: PIPE; CARBON STEEL; CEMENT LINED; 01-SAMSS-005	02-SAMSS-005	IDCAT-A
6000000180	FLANGE; BLIND; COPPER-ALLOY	EEMUA 145	IDCAT-B
6000000181	FLANGE; PIPE; WN; COPPER-ALLOY	EEMUA 145	IDACT-A
6000000189	FLANGE: PIPE; CLAMP; COMPLETE ASSEMBLY; WITH HUBS; SEAL RING; BOLTS AND NUTS; ANY SIZE	02-SAMSS-005	IDCAT-A
6000000192	CROSS: PIPE; ANY METAL, SIZE, AND CONNECTION	02-SAMSS-005	IDCAT-A

9COM	Equipment Description: PIPE FITTINGS	Specification	Inspection Category
6000000205	FLANGE PIPE; WN TYPE, STAINLESS STEEL	02-SAMSS-011	IDCAT-B
6000013900	PIPE; NON-METAL; LINED CS PIPING SYSTEMS; INNER LINER; PP, PE, PTFE	12-SAMSS-025	IDCAT-A
6000014202	CuNi PIPE FITTINGS, ALL TYPES	EEMUA 146	IDCAT-B
6000014760	BRANCH: PIPE; ELBOWLET, WELDOLET, THREAD ET., ALLOY STEEL AND STAINLESS STEEL		IDCAT-A

8.3 Clad/Lined Pipes and Piping Components

9COM	Equipment Description: Clad/Lined Pipes and Piping Components	Specification	Inspection Category
6000009160	PIPE: METALLIC, CLAD PIPE	01-SAMSS-048	IDCAT-A
6000014012	FITTING: PIPE, WELD OVERLAYED	02-SAMSS-012	IDCAT-A
6000014013	FLANGE: PIPE, WELD OVERLAYED	02-SAMSS-012	IDCAT-A
6000014016	PIPE: METALLIC, LINED PIPE	01-SAMSS-048	IDCAT-A
6000014017	PIPE: METALLIC, WELD OVERLAYED PIPE	01-SAMSS-048	IDCAT-A
6000014018	CLAD PIPE SPOOL	01-SAMSS-044	IDCAT-A

8.4 Tubes

9COM	Equipment Description: TUBES	Specification	Inspection Category
6000000028	TUBING METALLIC; ALLOY		IDCAT-B
6000000059	TUBING; METALLIC; ALL SIZES; ALLOY STEEL	ASTM	IDCAT-B
6000000061	TUBING; METALLIC; REFORMER TUBES; ALL MATERIAL		IDCAT-A
6000000062	TUBING METALLIC; CARBON STEEL, BOILER OR EXCHANGER	ASTM	IDCAT-A
6000000063	TUBING METALLIC; STEEL-ALLOY	ASTM	IDCAT-B
6000000066	TUBING; METALLIC; COPPER-ALLOY	ASTM	IDCAT-C
6000000067	TUBING; METALLIC; NICKEL-ALLOY	01-SAMSS-047	IDCAT-A
6000000068	TUBING; METALLIC; STAINLESS STEEL	01-SAMSS-047	IDCAT-A
6000009960	TUBE, STUDDER, CARBON STEEL	ASTM	IDCAT-B
6000009961	TUBE, STUDDER, ALLOY STEEL	ASTM	IDCAT-B
6000013091	TUBE: CATALYST		IDCAT-B
6000014559	TUBING METALLIC; TITANIUM	ASTM B338	IDCAT-A

8.5 Non-Metallic Pipe

9COM	Material Description (Short Text)	Specification	Inspection Category
6000000020	PIPE; NON-METALLIC ; GLASS FIBER REINFORCED EPOXY/POLYESTER/VINYL ESTER	01-SAMSS-029 , SAES-S-070	IDCAT-A
6000000021	PIPE; NON-METALLIC PRESSURE PIPE; FIBER GLASS REINFORCED EPOXY / POLYESTER /OR VINYL ESTER RESIN	01-SAMSS-034 , SAES-S-040 , SAES-S-070	IDCAT-A
6000000023	PIPE; NON-METALLIC ; 8 IN & SMALLER; THERMOPLASTIC POLY(VINYL CHLORIDE) (PVC) PLASTIC PIPE, SCHEDULES 40, 80, AND 120	ASTM D1785	IDCAT-C
6000000030	PIPE; NON-METALLIC ; THERMOPLASTIC; CHLORINATED POLY(VINYL CHLORIDE) (CPVC) PLASTIC PIPE, SCHEDULES 40 AND 80	ASTM F441	IDCAT-C
6000000031	PIPE; NON-METALLIC ; ALL SIZES; THERMOPLASTIC POLY(VINYL CHLORIDE) (PVC) PLASTIC DRAIN, WASTE, AND VENT PIPE AND FITTINGS	ASTM D2665	IDCAT-C
6000000039	PIPE; NON-METALLIC ; METRIC SIZE; THERMOPLASTIC POLYETHYLENE	SAES-S-040 , ASTM D3350, ASTM F1248, ASTM F714	IDCAT-B
6000000037	PIPE; METALLIC; NON-METALLIC , SUBSEA FLEXIBLE PIPE	API 17J	IDCAT-A
6000000042	PIPE; NON-METALLIC ; REINFORCED THERMOPLASTIC PIPE; RTP	API RP 15S	IDCAT-A
6000013160	PIPE & FITTINGS; NON-METAL ; RTR, FOR HIGH PRESSURE OIL& WATER INJECTION SERVICES	01-SAMSS-042 , API RP 15HR, API RP 15LR	IDCAT-A
6000013881	PIPE; NON-METAL ; HYDROCARBON; BURIED POLYETHYLENE (PE) PIPES FOR THE SUPPLY OF GASEOUS FUELS	ISO 4437, API 15LE, BS1555-2	IDCAT-A
6000013882	FITTING; NON-METAL ; POLYETHYLENE FITTINGS FOR USE WITH POLYETHYLENE PIPES FOR THE SUPPLY OF GASEOUS FUELS	ISO 8085, API 15LE	IDCAT-A

Commentary Note:

It is not acceptable to change the description or applicable standards of a 9COM number listed above and use it for commodity not listed above.

Revision Summary

8 August 2012

Major revision.

4 July 2013

Editorial revision to remove 9COM 6000008500 included in paragraph 8.5 because it was used for RTP pipe which has already covered in 9COM 6000000042.