



Engineering Standard

SAES-T-101

21 April 2012

Regulated Vendors List for
Communications Equipments and Materials

Document Responsibility: Communications Standards Committee

Saudi Aramco DeskTop Standards

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1 Scope

This standard identifies acceptable manufacturers for Communication materials under SAMS Class 18.

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, Process & Control Systems Department (P&CSD) 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, Process & Control Systems Department of Saudi Aramco, Dhahran. The Manager, Process & Control Systems Department shall follow internal Company procedure [SAEP-133](#) to process the request.
- 2.3 Direct all requests for interpretation of this standard in writing to the Company or Buyer Representative who shall forward them to the Chairman, Communications Standards Committee for resolution. The Chairman, Communications Standards Committee shall be solely responsible for interpreting this document.

3 References

The following is a summary of the Saudi Aramco documents and industrial 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 Engineering Standard

[SAES-T-624](#)

Telecommunications Outside Plant-Fiber Optics

Saudi Aramco Materials System Specification

[18-SAMSS-625](#)

Outside Plant - Fiber Optic Cable Specifications (Single Mode & Multiple Mode)

3.2 Industry Codes and Standards

Rural Development Utilities Program

RDUP PE 90 *Specification for Filled Fiber Optic Cables*

International Telecommunications Union (ITU-T); Recommendations:

[G.650](#) *Definition and Test Methods for the Relevant
Parameters of Single-Mode Fibers*

[G.652](#) *Characteristics of Single Mode Optical Fiber Cable*

[G.653](#) *Characteristics of a Dispersion Shifted Single Mode
Optical Fiber Cable*

[G.655](#) *Characteristics of a Non-Zero Dispersion Shifted
Single-Mode Optical Fiber Cable*

[G.656](#) *Characteristics of a Fiber and Cable with Non-Zero
Dispersion for Wideband Optical Transport*

4 Definitions

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

Approval: Written authorization by the Manager, Process & Control Systems Department of 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 Materials System Specification”.

SAP: Saudi Aramco corporate computer system that includes the approved manufacturers.

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

RSA: Responsible Standardization Agent

5 General

- 5.1 Procurement of a product **made** by a **manufacturer** not listed as an approved manufacturer in Saudi Aramco 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**.

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 Saudi Aramco SAP system 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** is listed with a specific “Location”: Only products **made** in the specific location(s) or area(s) are **acceptable**.
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6 Acceptable Manufacturers Listing

The approved vendors for the following **9COM** items listed are obtained from the Saudi Aramco SAP System. In case of discrepancies between this list with Saudi Aramco SAP System list, the latter will prevail. However, additional manufacturers can be added to the bidders list upon approval of the Chairman, Communications Standards Committee.

Commentary Note:

Approval of vendors by the Chairman, Communications Standards Committee, is required to ensure that only qualified vendors are used, and adequate technical support and spare parts are available for all Saudi Aramco Communications Equipment and Materials.

➤ Fiber Optic Cable

Equipment Description: Cable; Communications; Fiber Optic Cable

9COM Material #: **60000001216**

Specification: [18-SAMSS-625](#)

Manufacturer Name	Manufacturer #	Location	Limitation
SAUDI CABLE COMPANY	30000865	JEDDAH, KSA	Yes
SAUDI MODERN COMPANY FOR CABLE	30000926	RIYADH, KSA	Yes
CORNING CABLE SYSTEMS GMBH & CO KG	30001106	NEUSTADT, DE	Yes
ERICSSON CABLE A.B. TELECOM CABLES	30001138	HUDIKSVALL, SE	
VISCAS ICHIHARA PLANT	30001344	CHIBA PREFECTURE, JP	
J-POWER SYSTEMS CORPORATION	30001351	IBARAKI PREFECTURE, JP	Yes
OFS BRIGHTWAVE/FITEL	30002050	CARROLLTON, US	
DRAKA COMTEQ FRANCE	30003362	CALAIS, FR	
OMAN FIBER OPTIC CO S.A.O.G	30003376	OMAN, OM	
MIDDLE EAST FIBER CABLE	30003404	RIYADH, KSA	
TYCO ELECTRONICS UK LTD	30003680	DENBIGHSHIRE, GB	
CORNING CABLE SYSTEMS	30003813	WINSTON-SALEM, SA	
CORNING KABLO VE SISTEMLERI LTD STI	30003855	KOCAELI, TR	

Revision Summary

3 November 2009
 21 April 2012

New Saudi Aramco Engineering Standard.
 Editorial revision to change the primary contact.