
	SARA SAE ENGINEERING SPECIFICATION	
	Section: SES 26 – 859	
	Issue: “A”	Rev No: “0”
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GENERAL STORING & SHIPPING PROCEDURE
FOR API 16C PRODUCT

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1. INTRODUCTION

1.1 Purpose

The purpose of this procedure is to establish an information base applicable for the delivery and storage phases of the equipment manufactured by SARA. These phases involve storage, shipping, lifting, handling and preservation of the equipment.

1.2 General

Initial preservation shall be performed shortly after FAT/Final Inspection and before transportation.

1.3 Safety


This procedure describes handling of the equipment and minimum tonnage required for safe lifting of equipment. Only certified lifting gear shall be used. To avoid damage to personnel and equipment, the lifting procedure described shall be followed.

Personnel trained for handling of heavy equipment only shall be allowed to perform lifting operation. All other personnel shall be kept in a safe distance. Incase verbal warnings are not sufficient, then the surrounding area should be cordoned.

2. REFERENCE DOCUMENTS

- a) API Spec 16C, “Choke and Kill Equipment”
- b) API Spec 6A, “Specification for Wellhead and Tree Equipment”
- c) API Spec 16A, “Specification for Drill-through Equipment”



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4. HANDLING

3.1 NECESSARY LIFTING GEAR

Capacity of the Lifting Gear and allied equipment used for lifting should be at least 25% more than the dry weight of the equipment.

NOTE: None of these equipment's are supplied by SARA SAE.

5. STORAGE & SHIPPING

FOR API 16C PRODUCT (As per clause 9 of API 16C, 2nd Edition March 2015)

5.1 Storing of Equipment

Equipment shall be drained after testing and prior to storage or shipment.

Exposed sealing surfaces shall be protected from mechanical damage for storage or shipment.

Exposed end and outlet connectors shall be protected from mechanical damage for storage or shipment.

Ports shall be plugged prior to storage or shipment.

5.2 Equipment and Parts Rust Prevention

Prior to storage or shipment, parts, and equipment shall have exposed metallic surfaces protected with a rust preventative that does not become fluid and run at a temperature of less than 125 °F (50 °C).

5.3 Hydraulic Operating System


The hydraulic operating system shall be flushed with a non-freezing, corrosion-inhibiting fluid in conformance with the SES 26-716 or SES 26-718 procedures.

5.4 Storing of Nonmetallic Materials

Storage shall be in conformance with API 16A and API 6A (SES 26-856) as applicable. The requirements for nonmetallic seals shall include the following minimum provisions:

- indoor storage;
- maximum temperature not to exceed 125 °F (50 °C);



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- protected from direct natural light;
- stored unstressed;
- stored away from contact with liquids;
- protected from ozone and radiographic damage.

For More detail can refer SES 26-719.

5.5 Storing of Ring Gaskets

Loose ring gaskets shall be individually wrapped and/or boxed for storing and shipping.

5.6 Shipping of Equipment

Equipment shall be shipped in conformance with the SES 26-609 procedures.

