

Engineering Standard

SAES-O-122

12 October, 2005

Gasoline Filling Stations

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Saudi Aramco DeskTop Standards

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1 General

This standard refers to Gasoline Stations on Industrial Sites. This Standard shall be used in conjunction with Safety and Security Directive No. 22 (SSD/22) of the Saudi Arabian Government Supreme Commission for Industrial Security.

2 Amendments

Safety and Security Directive No. 22 has not been amended by the Supreme Commission for Industrial Security.

3 Commentary

Certain clarifications have resulted from applying this standard to Saudi Aramco projects. The following items reflect a general understanding reached with representatives of the Supreme Commission for Industrial Security and should be verified through liaison by the Proponent with the General Manager of Industrial Security Operations. The GM of ISO will contact the Managers of the Consulting Services Department and/or Loss Prevention Department in case there are conflicts with other company engineering standards and materials specifications, standard drawings or Industry Codes.

3.1 To comply with this specification and the Electrical Power Standards (SAES-P-100 Thru 199) the following clarifications are required.

- a) Division/Zone 1 is equivalent to Class I, Division I locations as defined by the National Electric Code.
- b) Division/Zone II is equivalent to Class I Division 2 locations as defined by the National Electric Code.

3.2 Reference Standards (Latest Edition)

Saudi Aramco Engineering Standards

<i>SAES-B-001 Thru 99</i>	<i>Fire and Safety Standards</i>
<i>SAES-B-068</i>	<i>Electrical Area Classification</i>
<i>SAES-P-100 Thru 199</i>	<i>Electrical Power Standards</i>
<i>SAES-O-100</i>	<i>Safety and Security, General Requirements</i>
<i>SAES-O-118</i>	<i>Fire Fighting Equipment</i>

Safety and Security Directive

SSD/22

*Gasoline Filling Stations Constructed on
Industrial Sites*

Industry Codes and Standards

NEC

National Electric Code

Revision Summary

12 October, 2005

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