



DeskTop Standards

26 February 2003

Saudi Aramco Engineering Standards

Document Responsibility: Standards Coordinator

General Information

Saudi Aramco Engineering Standards (SAES) are standards, approved by Saudi Aramco Management, that establish minimum requirements for the selection, design, construction, test, maintenance, and repair of equipment and facilities. The requirements in these standards are mandatory and apply Company-wide. All capital, non-capital and expense projects under the control of Engineering and Operations Services are required to use SAESs in effect on the Project Proposal's approval date. (See SAEP-14 for more information on Project Proposals.) Maintenance projects and all other work performed without Project Proposals are required to meet the SAESs in effect when the work is authorized. Permission to deviate from these requirements must follow the procedures of SAEP-302, Instructions for Obtaining a Waiver of a Mandatory Saudi Aramco Engineering Requirement.

The responsibility for every SAES is assigned to a Standards Committee, or a Department Manager. The document responsibility extends to its contents and the interpretation of its requirements. See SAEP-301 for more details about document responsibility.

Many SAES are developed based on the requirements of existing international codes and standards. SAESs formatted as "Exception-style" documents define requirements as additions, modifications, or deletions to industry documents, using the same chapter/section/paragraph number system. For these SAES, the reader must utilize the SAES and its corresponding industry document to obtain the complete set of Saudi Aramco's requirements. When appropriate industry standards do not exist, the SAES may be developed and formatted as a "Narrative-style" document. In this case, it will contain all of Saudi Aramco's requirements.

For a complete listing of approved SAESs, refer to the folder in DeskTop Standards labelled "Standards". For additional information on the use of SAESs, or for instructions on preparing and obtaining approval of an SAES, see SAEP-125.