



AMERICAN PETROLEUM INSTITUTE

API Specification 11AX

Specification for Subsurface Sucker Rod Pump Assemblies, Components, and Fittings

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This specification provides the requirements and guidelines for the design of subsurface sucker rod pumps and their components as defined herein for use in the sucker rod lift method for the petroleum and natural gas industry.

The specification covers subsurface sucker rod pump assemblies (including insert and tubing), components and fittings, in commonly used bore sizes for the sucker rod lift method. Sufficient dimensional and material requirements are provided to assure interchangeability and standardization of all component parts.

Many components and fittings are prescriptively specified in this standard and thus do not require a design package. However, some components require design packages. These components are listed in the following tables: C.10 through C.18, C.22, C.23, C.28, C.30, C.32, C.33, C.37, C.38, C.39, C.40, C.41, C.44, C.49, C.53, C.54, C.55, C.59.

The specification does not cover specialty subsurface sucker rod pump accessories or special design components. Also, installation, operation, and maintenance of these products are not included in this specification, however recommendations can be found in API 11AR.

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