

GP 10-10-02	General Purpose Gear Units	July 2001
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General Purpose Gear Units

GP 10-10-02

Scope

- 1) [I] This Global Practice (GP) refers to API STD 677-2, 2nd Edition, July 1997, which is a part of this GP.
- 2) [I] This GP covers general-purpose, horizontal, enclosed-single and multistage gear units incorporating parallel shaft helical and right angle spiral bevel gears.
- 3) [I] All requirements specified in this GP are additions to those of API STD 677-2 unless specifically noted as exceptions. Paragraph numbers in this GP which do not appear in API STD 677-2 are new paragraphs.
- 4) [I] An asterisk (*) indicates that a decision by Purchaser is required, or that additional information is furnished by Purchaser.

Note: A Bullet (•) is shown in API STD 677-2 indicating that a Purchaser's decision is required.

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1. Required References

[I] Table 1 lists the Practices and Standards that shall be used with this Practice.

1.1. Global Practices–ExxonMobil Engineering Practices

GP 02-01-01	Plant Noise Design Criteria
GP 10-11-01	Sizing of Drivers and Transmissions for Compressors, Fans, and Pumps
GP 20-01-01	Inspection of Equipment and Materials

1.2. ExxonMobil Data Sheets

ExxonMobil Data Sheets	ExxonMobil Data Sheet Home Page
T101002C01	General Purpose Gear Units - Bevel Mounted (API 677-2nd) - Customary Units
T101002C02	General Purpose Gear Units - Parallel Shaft (API 677-2nd) - Customary Units
T101002M01	General Purpose Gear Units - Bevel Mounted (API 677-2nd) - Metric Units
T101002M02	General Purpose Gear Units - Parallel Shaft (API 677-2nd) - Metric Units

1.3. API–American Petroleum Institute

API STD 677-2	General Purpose Gear Units for Petroleum, Chemical, and Gas Industry Services Second Edition R(2000)
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2. Additional Requirements

* [I] The following Standards shall be used with this Practice as specified by Purchaser

2.1. ASTM–American Society for Testing and Materials

ASTM B 111	Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock
ASTM B 169/B 169M	Standard Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar

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