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Guidance on Practice for Cooling Towers

GP 26-20

BP GROUP
ENGINEERING TECHNICAL PRACTICES

Foreword

This is the first issue of Engineering Technical Practice (ETP) BP GP 26-20. This Guidance on Practice (GP) is based on BP documents as follows:

Amoco

A FE-CTWR-00-G	Fabricated Equipment—Cooling Towers—Guide.
A FE-CTWR-00-E	Fabricated Equipment—Cooling Towers—Engineering Specification.
A FE-CTWR-00-C	Fabricated Equipment—Cooling Towers—Construction Specification.

ARCO

ES-90	Engineering Standard 90, Induced Draft Water Cooling Tower.
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1. Scope

This GP provides guidance for the selection, design, and installation of Cooling Towers.

2. Normative references

The following normative documents contain requirements that, through reference in this text, constitute requirements of this technical practice. For dated references, subsequent amendments to, or revisions of any of these publications do not apply. However, parties to agreements based on this technical practice are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

BP

GIS 12-111	Guidance on Industry Standard for IEC Low Voltage Motor Controllers.
GIS 12-112	Guidance on Industry Standard for NEMA Low Voltage Motor Controllers.
GIS 12-201	Guidance on Industry Standard for IEC Low voltage Induction Motors.
GIS 12-202	Guidance on Industry Standard for NEMA Low Voltage Induction Motors.
GIS 60-501	Guidance on Industry Standard for Chemical Dosing Packages.
GIS 24-231	Guidance on Industry Standard for Deluge System Design
GIS 26-201	Guidance on Industry Standard for Cooling Towers.
GIS 34-501	Guidance on Industry Standard for API 613 Special Purpose Gear Units.
GIS 34-502	Guidance on Industry Standard for API 677 General Purpose Gear Units.
GIS 34-503	Guidance on Industry Standard for Couplings (API 671), ISO 10441S, ISO 14691.
GIS 34-504	Guidance on Industry Standard for ISO 14691 General Purpose Coupling.
GP 44-10	Guidance on Practice for Plant Layout.

Cooling Tower Institute (CTI)

CTI PFM-116	Recommended Recirculation Allowances.
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National Fire Protection Association (NFPA)

NFPA 214	Water Cooling Towers.
NFPA 780	Lightning Protection Code.

3. Terms and Abbreviations

For the purpose of this GP, the following abbreviation applies:

