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Guidance on Industry Standard for Boilers Feedwater Ion Exchange

GIS 56-105

BP GROUP
ENGINEERING TECHNICAL PRACTICES

Foreword

This is the first issue of Engineering Technical Practice (ETP) BP GIS 56-105. This Guidance on Practice (GP) is based on parts of heritage documents from the merged BP companies as follows:

Amoco

A FE-BFW-IONX-P Boiler Feedwater Treating Equipment, Ion Exchange Equipment.

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1. Scope

This GIS defines requirements for design, testing, and fabrication of ion exchange and associated equipment to process water for boiler feedwater treatment.

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 62-041	Relief Valves
GP 6-60	Onshore and Offshore Paints and Coatings
GP 6-63	Internal Coating of Equipment and Piping
GP 32-10	Inspection and Testing of New Equipment
GP 32-20	On-site Inspection and Testing
GP 32-48	Inspection and Testing of Off-shore installations
GP 32-50	Inspection and Testing of Electrical Equipment (ANSI)
GP 32-51	Inspecting and Testing of Electrical Equipment (IEC)
DS 46-010	New Pressure Vessels Procurement Requirements

American Society of Mechanical Engineers (ASME)

ASME B31.3	Chemical Plant and Petroleum Refinery Piping.
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American Society for Testing and Materials

ASTM D 2187	Physical and Chemical Properties of Particulate Ion Exchange Resins.
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3. Abbreviations

MSDS	Material Safety Data Sheets
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4. General

4.1. Conflicts

In event of conflict among this document and any references, governing requirement shall be obtained in writing from BP.

4.2. Scope of supply

Valves, piping, etc., though not detailed herein, that form necessary part of treating system shall also be provided.

4.3. Enquiry / purchasing documentation

- a. This ETP shall be read in conjunction with an enquiry or purchase order and the accompanying data sheets.

