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Guidance on Industry Standard for HVAC - Electric Air Heater Batteries

GIS 14-024

**BP GROUP
ENGINEERING TECHNICAL PRACTICES**

Foreword

This is the first issue of Engineering Technical Practice (ETP) BP GIS 14-024. This Guidance on Industry Standard (GIS) is based on the following heritage documents from merged BP companies:

BP

GS 114-5 HVAC – Electric Air Heater Batteries for Offshore Use

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1. Scope

- a. This GIS provides guidance on health, safety and environmental legislation, good design practice, and technical and economic considerations for HVAC electric air heater batteries. The design information included in this specification is not intended to cover complete details. The guideline outlines regulations, design considerations, and recommends a configuration which can be scaled to adapt to the specific facilities which can differ due to layouts and production capacity.
- b. This standard is intended to guide the purchaser in the use or creation of a fit-for-purpose specification for enquiry or purchasing activity.
- c. This document may refer to certain local, national or international regulations but the responsibility to ensure compliance with legislation and any other statutory requirements lies with the user. The user shall adapt or supplement this document to ensure compliance for the specific application.

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.

American Society of Heating, Refrigerating, and Air-conditioning Engineers Inc. (ASHRAE)

Codes and Standards for HVAC

BP

GP 12-15	Wire & Cable
GP 12-25	Earthing Grounding
GP 12-30	Lighting & Small Power
GP 12-60	Hazardous Area Electrical Installations
GP 14-02	Heating, Ventilating and Air Conditioning - Onshore
GP 14-03	Heating, Ventilating and Air Conditioning – Offshore
GP 30-55	Control Rooms
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)
GIS 14-021	HVAC – Dampers and Fans
GIS 14-022	HVAC – Air Filters and Separators
GIS 14-023	HVAC Air Handling Units and Cooling Coils

British Standards

BS 476	Fire tests on building materials and structures: Part 4: Part 7.
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