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Interested committees:

Title: Draft BS EN ISO 24204 - Oil and gas industries including lower carbon energy - Bulk material for offshore projects
- Design for architectural supports

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 24204

Oil and gas industries including lower carbon energy — Bulk material for offshore projects — Design for architectural supports

ICS: ISO ics

ISO/TC 67

Secretariat: **NEN**

Voting begins on:
2024-04-24

Voting terminates on:
2024-07-17

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 67, *Oil and gas industries including lower carbon energy*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document aims to provide a set of unified design specifications for architectural supports for offshore projects, responding to the current lack of recognized specifications for such supports in terms of shape, dimensions, material and application area.

Company specific standards from owners, engineering companies and shipbuilders have therefore been prevailing for specifications related to architectural support types, shapes, sizes and dimensions. There are big variations in specifications from project to project, because of lack of international recognized specifications within this area.

Thus, individual architectural support items have often failed to be compatible across different projects. A suggested solution is to apply one unified approach for design, material selection, shape and application, etc. This will also significantly reduce engineering hours and lead times and improve the fabrication efficiency. Other expected benefits are an improved practice for design and application of architectural support types related to design life, maintainability and integrity.

Due to the lack of common industrial specifications for architectural supports, an assessment has been conducted to compare the supports designs and application areas used for the past offshore projects. Based on the supports design examples of those projects, a set of unified specifications have been established, which are described in this document.

The main benefits are to gain a reduced delivery time, more streamlined and efficient engineering and construction.

Oil and gas industries including lower carbon energy — Bulk material for offshore projects — Design for architectural supports

1 Scope

This document specifies the requirements of design for architectural supports including shape and dimensions, material as well as strength. This document covers the design for architectural supports of topside and living quarter regions for fixed or floating offshore oil and gas projects including lower carbon energy.

2 Normative references

There are no normative references in this document.

3 Terms and Definitions and abbreviated terms

For the purposes of this document, the following terms and definitions apply.

3.1 architectural support

support used to maintain the position of architectural components, such as lining panel, partition panel, etc.

Note 1 to entry: These supports are not structural members because minor loads from architectural components on the architectural supports are acted.

3.2 architectural weld

weld used to fix the *architectural support* ([3.1](#)) of equal angle or flat bar to structural member

3.3 ceiling panel

an overhead interior surface (panel) that covers the upper limits of a room, connected with the wall system by being either suspended or self-supported

3.4 coaming plate

a steel flat bar or any vertical surface which is provided to prevent ingress of water

3.5 equipment support

an architectural member to support equipment installed on wall panel

3.6 lining panel

non-load bearing proprietary sandwich panel system of 25 mm thick, consisting of mineral or rock wool core and single- or double-sided steel sheeting finish used as a part of the wall panel system

3.7 partition panel

non-load bearing proprietary sandwich panel system of 50 mm or 100 mm thick, consisting of mineral or rock wool core and double-sided steel sheeting finish used as a part of the wall panel system