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Part 5 Offshore Technology

Volume VI

RULES FOR MOBILE OFFSHORE UNITS

Consolidated Edition 2022

Biro Klasifikasi Indonesia

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Foreword

Corrigenda No.1 gives a correction to the “RCN No.1 2022 - Rules for Mobile Offshore Units (Pt.5, Vol.VI)”. This Corrigenda are marked by strikethrough, red color and expanded text which is to be read in conjunction with the requirements given in the RCN No.1 2022 and 2022 Consolidated Edition.

This Corrigenda is available to be downloaded at www.bki.co.id. Once downloaded, this Corrigenda will be uncontrolled copy. Please check the latest version on the website.

Further queries or comments concerning this Rules are welcomed through communication to BKI Head Office.

Section 10 Fire Protection, Means of Escape and Fire Extinction

C. Fire Extinguishing System

11. Gas Detection and Alarm System

11.1 Combustible Gas Detection and Alarm System

11.1.1 A fixed automatic gas detection and alarm system are to be provided to the satisfaction of BKI so arranged as to monitor continuously all enclosed areas of the units in which an accumulation of flammable gas may be expected to occur and capable of indicating at the main control point by aural and visual means the presence and locations of an accumulation. The gas detection system is to be designed according to [Rules for Electrical Installations \(Pt.5, Vol. V\) Sec.9.C.10.](#)

11.1.2 Fixed automatic combustible gas detection and alarm systems are to be provided for the following areas:

- 1) Cellar deck
- 2) Drill floor
- 3) Ventilation intake of positive pressure ~~explosion proof~~ driller's cabin.
- 4) Mud pit area
- 5) Shale shaker area
- 6) Enclosed spaces containing the open components of mud circulation system from the bell nipple to the mud pits.
- 7) Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines and boilers; or non-explosion proof electrical equipment
- 8) Ventilation intakes of accommodation spaces.
- 9) Air intakes to all combustion engines or machinery, including internal combustion engines, boilers, compressors or turbines, located outside of an enclosed machinery space
- 10) At each access door to accommodation spaces.
- 11) Near other openings, including emergency egress, of accommodation spaces, regardless if these openings are fitted with self-closing and gastight closing appliances.

(IACS UR D11.7.1)

Correction: To remove the reference to "explosion proof" driller's cabins as the whole driller's cabin cannot be made explosion proof in according to IACS UR D11 (Corr.1 Dec 2022).

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