

# Amended Rules for Mobile Offshore Drilling Units

(For External opinion inquiry)



2022. 08.

Machinery Rule Development Team

## – Main Amendments –

(1) Effective date : 1 Jan. 2023 (Date of which contracts for construction are signed)

● Reflected IACS UR D11

Present	Amendment	Remark
<p align="center"><b>CHAPTER 10 FIRE PROTECTION, MEANS OF ESCAPE AND FIRE EXTINCTION</b></p> <p align="center"><b>Section 3 Fire Extinction</b></p> <p><b>302. Fire pumps, fire mains, hydrants and hoses</b></p> <p>2. The arrangements of the pumps, sea suctions and sources of power are to be such as to ensure that a fire in any space would not put both the required pumps out of action.</p> <p align="center">〈omitted〉</p> <p><b>308. Fixed automatic gas detection and alarm systems</b></p> <p>1. Fixed automatic gas detection and alarm systems are to be provided for the following areas.</p> <p>(1) Cellar deck</p> <p>(2) Drill floor</p> <p align="center">〈Newly added〉</p> <p>(3) Mud pit area</p> <p>(4) Shale shaker area</p> <p>(5) Enclosed spaces containing the open components of mud circulation system from the bell nipple to the mud pits.</p> <p>(6) <u>Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines and boilers; and</u></p> <p>(7) <u>Ventilation intakes and near other openings of accommodation spaces.</u></p> <p align="center">〈Newly added〉</p> <p align="center">〈omitted〉</p>	<p align="center"><b>CHAPTER 10 FIRE PROTECTION, MEANS OF ESCAPE AND FIRE EXTINCTION</b></p> <p align="center"><b>Section 3 Fire Extinction</b></p> <p><b>302. Fire pumps, fire mains, hydrants and hoses</b></p> <p>2. The arrangements of the pumps, sea suctions and sources of power are to be such as to ensure that a fire <u>or flooding</u> in any space would not put both the required pumps out of action.</p> <p align="center"><u>(2022)</u></p> <p align="center">〈omitted〉</p> <p><b>308. Fixed automatic gas detection and alarm systems</b></p> <p><u>1. Areas for protection (2022)</u></p> <p>Fixed automatic gas detection and alarm systems are to be provided for the following areas.</p> <p>(1) Cellar deck</p> <p>(2) Drill floor</p> <p><u>(3) Ventilation intake of positive pressure explosion-proof driller's cabin. (2022)</u></p> <p>(4) Mud pit area</p> <p>(5) Shale shaker area</p> <p>(6) Enclosed spaces containing the open components of mud circulation system from the bell nipple to the mud pits.</p> <p><u>(6) Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines and boilers; and</u></p> <p>(7) Ventilation intakes <u>and near other openings</u> of accommodation spaces. <u>(2022)</u></p> <p><u>(8) Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines, boilers;, or non-explosion proof electrical equipment (2022)</u></p> <p><u>(9) Air intakes to all combustion engines or machinery, including internal combustion engines, boilers, compressors or turbines, located outside of an enclosed machinery space (2022)</u></p> <p><u>(10) At each access door to accommodation spaces. (2022)</u></p> <p><u>(11) Near other openings, including emergency egress, of accommodation spaces, regardless if these openings are fitted with self-closing and gastight closing appliances. (2022)</u></p> <p align="center">2</p> <p align="center">〈same as present〉</p>	<p>(Amendment)</p> <p>- Reflected IACS UR D11</p>

Present	Amendment	Remark
<p>〈Newly added〉</p>	<p><u>2. Areas where protection is not required (2022)</u></p> <p><u>Fixed automatic combustible gas detection and alarm systems are not required.</u></p> <p><u>(1) Near access doors to accommodation spaces where these form part of an air-lock which is provided with a gas detection and alarm system between the two doors of the air-lock.</u></p> <p><u>(2) Near emergency egress doors which are fitted with a mechanism to prevent use other than in an emergency (e.g. doors fitted with security seals acting as a deterrent but easily breakable in a real emergency.)</u></p> <p><u>(3) Near other openings which are provided with closing appliances of non-opening type, (e.g. bolted closed maintenance ways etc.)</u></p> <p>〈same as present〉</p>	