

# 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 style="text-align: center;"><b>CHAPTER 10 FIRE PROTECTION, MEANS OF ESCAPE AND FIRE EXTINCTION</b></p> <p style="text-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 suction 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 style="text-align: center;">&lt;omitted&gt;</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 (2) Drill floor     &lt;Newly added&gt; (3) Mud pit area (4) Shale shaker area (5) Enclosed spaces containing the open components of mud circulation system from the bell nipple to the mud pits. (6) <u>Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines and boilers; and</u> (7) <u>Ventilation intakes and near other openings of accommodation spaces.</u>     &lt;Newly added&gt;</p> <p style="text-align: center;">&lt;omitted&gt;</p>	<p style="text-align: center;"><b>CHAPTER 10 FIRE PROTECTION, MEANS OF ESCAPE AND FIRE EXTINCTION</b></p> <p style="text-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 suction 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. <u>(2022)</u></p> <p style="text-align: center;">&lt;omitted&gt;</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 (2) Drill floor (3) <u>Ventilation intake of positive pressure explosion-proof driller's cabin. (2022)</u> (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. (6) <u>Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines and boilers; and</u> (7) Ventilation intakes <u>and near other openings</u> of accommodation spaces. <u>(2022)</u> (8) <u>Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines, boilers;, or non-explosion proof electrical equipment (2022)</u> (9) <u>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> (10) <u>At each access door to accommodation spaces. (2022)</u> (11) <u>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 style="text-align: center;">&lt;same as present&gt;</p>	<p>(Amendment) - 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>	