

MODU Selective disconnection or shutdown and 3 equipment operable after an emergency (Dec 2018) shutdown

2009 MODU Code, Chapter 6, paragraph 6.5.1:

6.5.1 *In view of exceptional conditions in which the explosion hazard may extend outside the above-mentioned zones, special arrangements should be provided to facilitate the selective disconnection or shutdown of:*

- .1 ventilation systems, except fans necessary for supplying combustion air to prime movers for the production of electrical power;*
- .2 main generator prime movers, including the ventilation systems for these;*
- .3 emergency generator prime movers.*

2009 MODU Code, Chapter 6, paragraph 6.5.5:

6.5.5 *Equipment which is located in spaces other than enclosed spaces and which is capable of operation after shutdown as given in paragraph 6.5.1 should be suitable for installation in zone 2 locations. Such equipment which is located in enclosed spaces should be suitable for its intended application to the satisfaction of the Administration. At least the following facilities should be operable after an emergency shutdown:*

- .1 emergency lighting under paragraphs 5.4.6.1.1 to 5.4.6.1.4 for half an hour;*
- .2 blow-out preventer control system;*
- .3 general alarm system;*
- .4 public address system; and*
- .5 battery-supplied radiocommunication installations.*

Interpretation

Where emergency shutdown (ESD) systems are arranged with multiple levels of ESD, the requirement in paragraph 6.5.5, that equipment located in spaces other than enclosed spaces and which is capable of operation after shutdown as given in paragraph 6.5.1 should be suitable for installation in zone 2 locations, shall apply for any ESD level related to gas release. Exceptions may be accepted for equipment that are expected to be out of operation during drilling operations (such as shore power panel, towing winches, windlass, jacking motors etc.).

Note:

1. This Unified Interpretation is to be uniformly implemented by IACS Societies on units contracted for construction from 1 January 2020.
2. The “contracted for construction” date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of “contract for construction”, refer to IACS Procedural Requirement (PR) No. 29.

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