

SCHEDULE 3

Regulation 19

REQUIREMENTS FOR EMERGENCY SHUT-DOWN VALVES ON CERTAIN MAJOR ACCIDENT HAZARD PIPELINES CONNECTED TO OFFSHORE INSTALLATIONS

1. An emergency shut-down valve shall be incorporated in the riser of a pipeline—
 - (a) in a position in which it can be safely inspected, maintained and tested; and
 - (b) so far as this is consistent with sub-paragraph (a), as far down the riser as is reasonably practicable;

and such valve shall comply with the remaining paragraphs of this Schedule.

2. An emergency shut-down valve shall be held open by an electrical, hydraulic or other signal to the mechanism for actuating the valve on the failure of which signal the valve shall automatically close.

3. An emergency shut-down valve shall also be capable of being closed—
 - (a) by a person positioned by it; and
 - (b) automatically by the operation of the emergency shut-down system of the offshore installation to which the pipeline is connected,

or, while relevant work of examination or maintenance is being carried out, by one of those means.

4. If the pipeline is designed to allow for the passage of equipment for inspecting, maintaining or testing the pipeline, the emergency shut-down valve shall also be designed to allow for such passage.

5. An emergency shut-down valve and its actuating mechanism shall so far as is reasonably practicable be protected from damage arising from fire, explosion or impact.

6. An emergency shut-down valve shall be maintained in an efficient state, in efficient working order and in good repair.

7. After an emergency shut-down valve has operated so as to block the flow of fluid within the pipeline it shall not be re-opened so as to permit the flow of fluid until steps have been taken to ensure that it is safe to do so.

8. In this Schedule “emergency shut-down system” means the system comprising mechanical, electrical, electronic, pneumatic, hydraulic or other arrangements by which the plant on an offshore installation is automatically shut down in the event of an emergency.