

SCHEDULE 1

Regulation 4(1)

PARTICULARS TO BE INCLUDED IN A SAFETY CASE FOR THE DESIGN OF A FIXED INSTALLATION

1. The name and address of the operator of the installation.
2. A general description of the means by which the management system of the operator, referred to in regulation 8, will ensure that the structure and plant of the installation will be designed, selected, constructed and commissioned in a way which will reduce risks to health and safety to the lowest level that is reasonably practicable.
3. A description, with scale diagrams, of—
 - (a) the main and secondary structure of the installation;
 - (b) its plant;
 - (c) the layout and configuration of its plant;
 - (d) the connections to be made to any pipe-line or installation; and
 - (e) any wells to be connected to the installation.
4. A scale plan of the intended location of the installation and of anything to be connected to it, and particulars of—
 - (a) the meteorological and oceanographic conditions to which the installation may foreseeably be subjected; and
 - (b) the properties of the sea-bed and subsoil at its location.
5. Particulars of the types of operation, and activities in connection with an operation, which the installation is to be capable of performing.
6. The maximum number of persons—
 - (a) expected to be on the installation at any time; and
 - (b) for whom accommodation is to be provided.
7. Particulars of the plant and arrangements for the control of operations on a well, including those—
 - (a) to control the pressure in a well;
 - (b) to prevent the uncontrolled release of hazardous substances; and
 - (c) to minimise the effects of damage to subsea equipment by drilling equipment.
8. A description of any pipe-line with the potential to cause a major accident, including—
 - (a) the fluid which it conveys;
 - (b) its dimensions and layout;
 - (c) its contained volume at declared maximum allowable operating pressure; and
 - (d) any apparatus and works intended to secure safety.
9. Particulars of plant and arrangements for—
 - (a) the detection of the presence of toxic or flammable gas; and
 - (b) the detection, prevention or mitigation of fires.
10. A description of the arrangements to be made for protecting persons on the installation from hazards of explosion, fire, heat, smoke, toxic gas or fumes during any period while they may need to remain on the installation following an incident which is beyond immediate control and for enabling such persons to be evacuated from the installation where necessary, including the provision for—

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- (a) temporary refuge;
- (b) routes from locations where persons may be present to temporary refuge and for egress therefrom to points from where the installation may be evacuated;
- (c) means of evacuation at those points; and
- (d) facilities within temporary refuge for the monitoring and control of the incident and for organising evacuation.

11. A statement of performance standards which have been established in relation to the arrangements referred to in paragraph 10 (including performance standards which have been established for structures and plant provided pursuant to such arrangements), and a statement of the minimum period for which the arrangements as a whole are intended to be effective following an incident referred to in that paragraph.

12. A demonstration, by reference to the results of suitable and sufficient quantitative risk assessment, that the measures taken or to be taken in relation to the hazards referred to in paragraph 10, including the arrangements mentioned in that paragraph, will reduce risks to the health and safety of persons to the lowest level that is reasonably practicable.

13. Particulars of the intended methods of design and construction, and of the principal codes of practice to be observed in relation to them.

14. A description of—

- (a) the principal features of the design of the installation, and the arrangements and procedures for its completion; and
- (b) the arrangements and procedures for the construction and commissioning of the installation,

which are intended to ensure that risks from a major accident will be at the lowest level that is reasonably practicable.

SCHEDULE 2

Regulation 4(2)

PARTICULARS TO BE INCLUDED IN A SAFETY CASE FOR THE OPERATION OF A FIXED INSTALLATION

- 1.** The name and address of the operator of the installation.
- 2.** A description, with scale diagrams, of
 - (a) the main and secondary structure of the installation and its materials;
 - (b) its plant;
 - (c) the layout and configuration of its plant;
 - (d) the connections to be made to any pipe-line or installation; and
 - (e) any wells to be connected to the installation.
- 3.** A scale plan of the location of the installation and of anything connected to it, and particulars of—
 - (a) the meteorological and oceanographic conditions to which the installation may foreseeably be subjected; and
 - (b) the properties of the sea-bed and subsoil at its location.

4. Particulars of the types of operation, and activities in connection with an operation, which the installation is capable of performing.
5. The maximum number of persons—
 - (a) expected to be on the installation at any time; and
 - (b) for whom accommodation is to be provided.
6. Particulars of the plant and arrangements for the control of operations on a well, including those—
 - (a) to control the pressure in a well;
 - (b) to prevent the uncontrolled release of hazardous substances; and
 - (c) to minimise the effects of damage to subsea equipment by drilling equipment.
7. A description of any pipe-line with the potential to cause a major accident, including—
 - (a) the fluid which it conveys;
 - (b) its dimensions and layout;
 - (c) its contained volume at declared maximum allowable operating pressure; and
 - (d) any apparatus and works intended to secure safety.
8. Particulars of plant and arrangements for—
 - (a) the detection of the presence of toxic or flammable gas; and
 - (b) the detection, prevention or mitigation of fires.
9. A description of the arrangements made or to be made for protecting persons on the installation from hazards of explosion, fire, heat, smoke, toxic gas or fumes during any period while they may need to remain on the installation following an incident which is beyond immediate control and for enabling such persons to be evacuated from the installation where necessary, including the provision for—
 - (a) temporary refuge;
 - (b) routes from locations where persons may be present to temporary refuge and for egress therefrom to points from where the installation may be evacuated;
 - (c) means of evacuation at those points;
 - (d) facilities within temporary refuge for the monitoring and control of the incident and for organising evacuation.
10. A statement of performance standards which have been established in relation to the arrangements referred to in paragraph 9 (including performance standards which have been established for structures and plant provided pursuant to such arrangements), and a statement of the minimum period for which the arrangements as a whole are intended to be effective following an incident referred to in that paragraph.
11. A demonstration, by reference to the results of suitable and sufficient quantitative risk assessment, that the measures taken or to be taken in relation to the hazards referred to in paragraph 9, including the arrangements mentioned in that paragraph, will reduce risks to the health and safety of persons to the lowest level that is reasonably practicable.
12. Particulars of the main requirements in the specification for the design of the installation and its plant, including any limits for safe operation or use specified therein.
13. Sufficient particulars to demonstrate that the design of the installation, its plant and the pipe-lines connected to it is such that the risks from a major accident are at the lowest level that is reasonably practicable.

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14. Particulars concerning any remedial work to be carried out to the installation or the plant referred to in the preceding paragraphs, and the time by which it will be done.

SCHEDULE 3

Regulation 5

TO BE INCLUDED IN A SAFETY CASE FOR A MOBILE INSTALLATION

1. The name of the owner of the installation.
2. A description, with scale diagrams, of:
 - (a) the main and secondary structure of the installation and its materials;
 - (b) its plant; and
 - (c) the layout and configuration of its plant.
3. Particulars of the types of operation, and activities in connection with an operation, which the installation is capable of performing.
4. The maximum number of persons—
 - (a) expected to be on the installation at any time; and
 - (b) for whom accommodation is to be provided.
5. Particulars of the plant and arrangements for the control of operations on a well, including those—
 - (a) to control the pressure in a well;
 - (b) to prevent the uncontrolled release of hazardous substances; and
 - (c) to minimise the effects of damage to subsea equipment by drilling equipment.
6. Particulars of plant and arrangements for—
 - (a) the detection of the presence of toxic or flammable gas; and
 - (b) the detection, prevention or mitigation of fires.
7. A description of the arrangements made or to be made for protecting persons on the installation from hazards of explosion, fire, heat, smoke, toxic gas or fumes during any period while they may need to remain on the installation following an incident which is beyond immediate control and for enabling such persons to be evacuated from the installation where necessary, including the provision for—
 - (a) temporary refuge;
 - (b) routes from locations where persons may be present to temporary refuge and for egress therefrom to points from where the installation may be evacuated;
 - (c) means of evacuation at those points;
 - (d) facilities within temporary refuge for the monitoring and control of the incident and for organising evacuation.
8. A statement of performance standards which have been established in relation to the arrangements referred to in paragraph 7 (including performance standards which have been established for structures and plant provided pursuant to such arrangements), and a statement of the minimum period for which the arrangements as a whole are intended to be effective following an incident referred to in that paragraph.
9. A demonstration, by reference to the results of suitable and sufficient quantitative risk assessment, that the measures taken or to be taken in relation to the hazards referred to in paragraph

7, including the arrangements mentioned in that paragraph, will reduce risks to the health and safety of persons to the lowest level that is reasonably practicable.

10. Particulars of the main requirements in the specification for the design of the installation and its plant, including any limits for safe operation and use specified therein.

11. Particulars of—

- (a) the limits of the environmental conditions beyond which the installation cannot safely be stationed or operated;
- (b) the properties of the sea bed and subsoil which are necessary for the safe stationing and operation of the installation; and
- (c) the locations in which the installation may be stationed and operated safely.

12. Sufficient particulars to demonstrate that the design of the installation and its plant is such that the risks from a major accident are at the lowest level that is reasonably practicable.

13. Particulars concerning any remedial work to be carried out to the installation or the plant referred to in the preceding paragraphs, and the time by which it will be done.

SCHEDULE 4

Regulation 6(2)

PARTICULARS TO BE INCLUDED IN A SAFETY CASE FOR COMBINED OPERATIONS

1. The names and addresses of the operators and owners preparing the safety case.
2. Particulars which, were it not for regulation 6(1), would be contained in the safety cases prepared for the installations pursuant to regulation 4(2) or 5 or in a revision thereof pursuant to regulation 9.
3. Sufficient particulars to demonstrate that the management systems referred to in those safety cases pursuant to regulation 8 will be co-ordinated so as to reduce the risks from a major accident to the lowest level that is reasonably practicable.
4. Particulars of any plant installed solely for the purpose of permitting the installations to engage in the combined operation.
5. A demonstration that any limits for the safe operation or use of plant which are contained in the specifications for the design of the installations or their plant will not be exceeded while the installations are engaged in the combined operation.
6. A programme of work for the combined operation.
7. The date when the installations will cease to be engaged in the combined operation.

SCHEDULE 5

Regulation 7

PARTICULARS TO BE INCLUDED IN A SAFETY CASE FOR THE ABANDONMENT OF A FIXED INSTALLATION

1. The name and address of the operator of the installation.
2. A description, with scale diagrams, of—
 - (a) the main and secondary structure of the installation and its materials;
 - (b) its plant;

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- (c) the layout and configuration of its plant;
 - (d) the connections made to any pipe-line or installation; and
 - (e) any wells connected to the installation.
3. A scale plan of the location of the installation and of anything connected to it, and particulars of—
- (a) the meteorological and oceanographic conditions to which the installation may foreseeably be subjected; and
 - (b) the properties of the sea-bed and subsoil at its location.
4. Particulars of the operations which were being carried out, including activities on and in connection with the installation relating to each operation.
5. The maximum number of persons at work on the installation during decommissioning.
6. Particulars of the plant and arrangements for the control of the operations on a well, including those—
- (a) to control the pressure in a well;
 - (b) to prevent the uncontrolled release of hazardous substances; and
 - (c) to minimise the effects of damage to subsea equipment by drilling equipment.
7. A description of any pipe-line with the potential to cause a major accident, including—
- (a) the fluid which it conveys;
 - (b) its dimensions and layout;
 - (c) its contained volume at declared maximum allowable operating pressure; and
 - (d) any apparatus and works intended to secure safety.
8. Particulars of plant and arrangements for—
- (a) the detection of the presence of toxic or flammable gas;
 - (b) the detection, prevention or mitigation of fires; and
 - (c) the protection of persons from their consequences.
9. Particulars of escape routes, embarkation points and means of evacuation to enable the full and safe evacuation and rescue of persons to take place in an emergency.
10. Sufficient particulars to demonstrate that the proposed arrangements, methods and procedures for—
- (a) dealing, by way of abandonment or otherwise, with any wells to which the installation is connected;
 - (b) decommissioning the installation and connected pipe-lines; and
 - (c) demolishing or dismantling the installation and connected pipe-lines,
- take adequate account of the design and method of construction the installation and its plant, and reduce risks from a major accident to the lowest level that is reasonably practicable.

SCHEDULE 6

Regulation 11

PARTICULARS TO BE INCLUDED IN NOTIFICATION OF WELL OPERATIONS

1. The name and address of the operator of the installation.

2. Particulars of the fluids to be used to control the pressure of the well.
3. Particulars of any plant, not described in the current safety case for the installation, which is to be used in connection with the operations on the well.
4. Particulars of the type of well, its number, and slot number, and the name of any field development of which it may be part.
5. Particulars, with scale diagrams, of—
 - (a) the location of the top of the well;
 - (b) the directional path of the well-bore;
 - (c) its terminal depth and location; and
 - (d) its position, and that of nearby wells, relative to each other.
6. A description of the operations on the well or, in the case of a fixed installation, of the operations involved in the drilling of the well, and a programme of works which includes—
 - (a) the dates on which the operations are expected to commence and finish; and
 - (b) the intended operational state of the well at the end of the operations.
7. A description of—
 - (a) any activities on or in connection with the installation, during operations on the well described pursuant to paragraph 6, which will involve any hazards with the potential to cause a major accident;
 - (b) such hazards.
8. In the case of a well which is to be drilled—
 - (a) particulars of the geological strata and formations, and of fluids within them, through which it will pass, and of any hazards with the potential to cause a major accident which they may contain;
 - (b) the procedures for effectively monitoring the direction of the well-bore, and for minimising the likelihood and effects of intersecting nearby wells; and
 - (c) a description of the design of the well, including the limits on its safe operation and use.
9. In the case of an existing well—
 - (a) a diagram of the well;
 - (b) a summary of earlier operations in relation to it;
 - (c) the purposes for which it has been used;
 - (d) its current operational state;
 - (e) its state of repair;
 - (f) the physical conditions within it; and
 - (g) its production capacity.
10. Where operations in relation to a well are to be carried out from a mobile installation, particulars of—
 - (a) the meteorological and oceanographic conditions to which the installation may foreseeably be subjected;
 - (b) the depth of water; and
 - (c) the properties of the sea-bed and subsoil,at the location at which the operations will be carried out.

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11. Where operations in relation to a well are to be carried out from a mobile installation, sufficient particulars to demonstrate that the arrangements and procedures of the operator and owner of the installation for managing the operations are co-ordinated to reduce risks from a major accident to the lowest level that is reasonably practicable.

SCHEDULE 7

Regulation 12

PARTICULARS TO BE INCLUDED IN NOTIFICATION OF CONSTRUCTION ACTIVITIES

1. The name and address of the operator of the installation.
2. The location at which the construction activity is to take place.
3. The name of any installation or heavy lift vessel to be involved in the construction activity (including one providing accommodation for persons engaged in the activity).
4. The dates on which the construction activity is expected to commence and finish.
5. A description of the nature of the construction activity and of the hazards with the potential to cause a major accident which it involves.
6. Particulars of the proposed programme of work.
7. The name of an individual who will be able to make arrangements to facilitate any inspection by an inspector of the construction activity, and details of how that person can be contacted.

SCHEDULE 8

Regulation 16

AMENDMENTS TO THE OFFSHORE INSTALLATIONS REPRESENTATIVES AND SAFETY COMMITTEES 1989

The Offshore Installations (Safety Representatives and Safety Committees) Regulations 1989(1) shall be amended as follows—

1. In regulation 18 after “A safety representative shall” add “subject to regulation 18A(2)(a) below” and at the end of the regulation add “or a safety case or revision to which regulation 18A below applies”.

2. After regulation 18 add—

“18A.—(1) A safety representative shall be entitled—

- (a) to be supplied, by or on behalf of the installation manager, with a written summary of the main features of a safety case or revision thereof relating to the offshore installation and prepared pursuant to the Offshore Installations (Safety Case) Regulations 1992, such summary to include any particulars concerning remedial work and the time by which it will be done;
- (b) to see a copy of that safety case or revision;
- (c) to be supplied, by or on behalf of the installation manager, with copies of such parts of that safety case or revision thereof as the safety representative needs for the purpose of performing any of his functions in circumstances where his entitlement under sub-paragraphs (a) and (b) is insufficient for that purpose.

(1) S.I. 1989/971.

(2) The references in—

- (a) regulation 18 to seeing a document, where the statutory provision concerned allows the information in the document to be kept on film or in electronic form and it is so kept;
- (b) regulation 18A(1)(a) to seeing a safety case or revision, where the information in it is kept on film or in electronic form on the installation;

are references to having appropriate facilities to enable him to read that information.”

3. In regulation 23 insert—

- “(c) without prejudice to paragraph (b) above, to consult safety representatives on the preparation of a safety case relating to the installation under the Offshore Installations (Safety Case) Regulations 1992.”

4. In regulation 25(1) for “regulation 18 above” substitute “regulation 18 or 18A and to provide the facilities to which a safety representative is entitled under those regulations.”