***Petroleum Pipelines Act 1969*
Petroleum Pipelines (Management of Safety of Pipeline Operations) Regulations 2010**

**Concordance Table for MoSoPO Safety Case**

NOTE: this table may also be used as a self-assessment tool by licensees and operators to verify that their safety case document has addressed all the required elements of the Regulations.

| Regulation | Guide section | Topic | Safety Case Section / Page no. |
| --- | --- | --- | --- |
| Intro | FD | SMS | FSA |
| r. 5 r. 6 | 3.1.1 | Scope and objective of safety case |  |  |  |  |
| r. 7r. 8 | 3.3.3 | Compliance with safety case |  |  |  |  |
| r. 9 | 3.3.12 | Maintaining records for safety case |  |  |  |  |
| r. 10(1) | 3.1 | Introduction |  |  |  |  |
| 3.1.3 | Definitions and abbreviations |  |  |  |  |
| r. 10(2)(a) | 3.2.1 | General overview of the pipeline operation, location  |  |  |  |  |
| r. 10(2)(b) | 3.2.2 | Configuration and layout of the pipeline and aboveground facilities |  |  |  |  |
| r. 10(2)(c) | 3.2.4 | Design safety philosophy, control systems and safety critical elements |  |  |  |  |
| r. 10(2)(d) | Other relevant matters |  |  |  |  |
| 3.2.5 | Emergency response |
| 3.2.6 | Major accident events controls and performance standards |  |  |  |  |
| 3.2.7 | Provision of drawings |  |  |  |  |
| r. 10(3)(a) | 3.4.6  | Hazard identification – major accident events |  |  |  |  |
| r. 10(3)(b) | Risk Assessment |  |  |  |  |
| 3.4.1 | Purpose |  |  |  |  |
| 3.4.2 | Scope |  |  |  |  |
| 3.4.3 | Objective |  |  |  |  |
| 3.4.4 | Methodology |  |  |  |  |
| 3.4.6 | Major accident events |  |  |  |  |
| 3.4.7 | Safety critical elements and bowtie diagrams |  |  |  |  |
| r. 10(3)(c) | Controls to achieve ALARP |  |  |  |  |
| 3.4.8 | Demonstration of ALARP |
| 3.4.9 | Summary of risk assessment studies |
| r. 10(4)(a) | 3.3.1 | Safety management system general requirements |  |  |  |  |
| r. 10(4)(a) | Other relevant areas |  |  |  |  |
| 3.3.2 | Policy and leadership |  |  |  |  |
| 3.3.4 | Management system overview |  |  |  |  |
| 3.3.11 | Sources of information |  |  |  |  |
| r. 10(4)(b)-(c) | 3.3.10 | Objectives, plans and performance targets |  |  |  |  |
| r. 10(4)(c) | 3.3.29 | Review and continual improvement |  |  |  |  |
| r. 10(4)(d)-(e) | 3.3.9 | Hazard Identification and risk management |  |  |  |  |
| r. 10(4)(f) | 3.3.9 | Risk reduction to ALARP |  |  |  |  |
| r. 10(4)(g) | 3.3.19,3.3.20 | Inspection, testing and maintenance – including requirements for safety critical elements  |  |  |  |  |
| r.1 0(4)(h) | Provision of adequate communications |  |  |  |  |
| 3.3.6 | Normal communication requirements |
| 3.3.27 | Emergency communication requirements |
| r.1 0(4)(i) | 3.3.28 | Safety management system audits |  |  |  |  |
| r. 10(4)(j) | Other relevant areas for safety management systems |  |  |  |  |
| 3.3.8 | Resources |  |  |  |  |
| 3.3.13 | Design construction and commissioning |  |  |  |  |
| 3.3.15 | Management of change |  |  |  |  |
| 3.3.16 | Purchasing and control of materials and services |  |  |  |  |
| 3.3.18 | Materials handling and storage |  |  |  |  |
| r. 10(4)(k) | 3.2.6,3.3.22 | Performance standards for MAE safety critical elements |  |  |  |  |
| r. 10(5) | 3.3.13 | Safety case for construction of pipeline |  |  |  |  |
| r. 11 | 3.3.29 | Implementation and improvement of the safety management system |  |  |  |  |
| r. 12 | 3.1.2 | Standards to be applied |  |  |  |  |
| r. 13 | 3.3.5 | Chain of responsibility |  |  |  |  |
| r. 14 | 3.3.7 | Competency of members of the workforce |  |  |  |  |
| r. 15 | 3.3.17 | Permit to work system and other safe work procedures |  |  |  |  |
| r. 16 | 3.3.6 | Involvement of members of the workforce |  |  |  |  |
| r. 17(1)-(2) | 3.2.3 | Machinery and equipment |  |  |  |  |
| r. 18 | 3.3.21 | Structural integrity, integrity management |  |  |  |  |
| r. 19 | 3.3.26 | Drugs and intoxicants (including prescription medication) |  |  |  |  |
| r. 20 | 3.3.13 | Reports during construction of a pipeline |  |  |  |  |
| r. 21 | 3.4.5 | Fire and explosion risk analysis |  |  |  |  |
| r. 22 | 3.3.27 | Emergency communications system |  |  |  |  |
| r. 23 | 3.2.4 | Emergency control systems |  |  |  |  |
| r. 24 | 3.3.27 | Emergency preparedness and response plan |  |  |  |  |
| r. 25 | 3.2.4, 3.2.5 | Pipelines connected to other pipelines, facilities |  |  |  |  |
| r. 26 | 3.1.4, 3.3.12 | Arrangements for records – includes document control requirements |  |  |  |  |
| r. 32 | 3.1.5, 4.5 | Revision of safety case due to change in circumstances of operation |  |  |  |  |
| r. 33 | 3.1.5, 4.5 | Revision on Minister’s request |  |  |  |  |
| r. 34 | 3.1.5, 4.6 | Revision after five years |  |  |  |  |
| r. 41 | 3.3.14 | Validation |  |  |  |  |
| r. 42 | 3.3.23 | Accidents and dangerous occurrences |  |  |  |  |
| r. 44-45 | 3.3.23 | Notices and reporting of accidents and dangerous occurrences |  |  |  |  |
| r. 47 | 3.1.4 | Details in application or submission – contact details to be kept up to date |  |  |  |  |
| PPA Schedule 1 Division 2 subdivision 1 |
| cl. 7(1) | 3.3.9,3.3.23 | Licensee to ensure pipeline operation safe and without risk to the health of any persons engaged in the pipeline operation or other protected persons |  |  |  |  |
| cl. 7(2)(a)-(b) | 3.3.9, 3.3.24 | Licensee to ensure physical environment at the place where pipeline operation is carried out is safe and provide adequate amenities for workforce |  |  |  |  |
| cl. 7(2)(c) | 3.3.9, 3.3.20 | Licensee to ensure any plant, equipment, materials and substances for use in the pipeline operation are safe and without risk to health |  |  |  |  |
| cl. 7(2)(d) | 3.3.17 | Licensee must implement and maintain systems of work in relation to the pipeline operation that are safe and without risk to health |  |  |  |  |
| cl. 7(2)(e) | 3.3.27 | Licensee to implement procedures for control and response to emergencies |  |  |  |  |
| cl. 7(2)(f) | 3.3.7 | Licensee to provide workforce with appropriate information, training and supervision to safely perform activities  |  |  |  |  |
| cl. 7(2)(g) | 3.3.25 | Licensee to monitor occupational safety and health of all members of workforce and maintain records of that monitoring |  |  |  |  |
| cl. 7(2)(h) | 3.3.25 | Licensee to provide medical and first aid services at the facility |  |  |  |  |
| cl. 8(1) | 3.3.9, 3.3.23 | Person who is in control of any part of a pipeline operation must take all reasonably practicable steps to ensure that that part of the pipeline operation is carried out in a manner that is safe and without risk to health of persons engaged in the pipeline operation or other protected persons |  |  |  |  |
| cl. 8(2)(a) | 3.3.9, 3.3.24 | Person who is in control of any part of a pipeline operation must ensure physical environment at the place where that part of the pipeline operation is carried out is safe and provide adequate amenities for workforce |  |  |  |  |
| cl. 8(2)(b) | 3.3.9, 3.3.20 | Person who is in control of any part of a pipeline operation must ensure any plant, equipment, materials and substances for use in that part of the pipeline operation are safe and without risk to health |  |  |  |  |
| cl. 8(2)(c) | 3.3.17 | Person who is in control of any part of a pipeline operation must implement and maintain systems of work in relation to that part of the pipeline operations are safe and without risk to health |  |  |  |  |
| cl. 8(2)(d) | 3.3.27 | Person who is in control of any part of a pipeline operation must ensure means of access to and egress from the place where that part of the pipeline operation is carried out is safe and without risk to health |  |  |  |  |
| cl. 8(2)(e) | 3.3.7 | Person who is in control of any part of a pipeline operation must provide workforce with appropriate information, training and supervision to safely perform activities  |  |  |  |  |
| cl. 9(1) | 3.3.9, 3.3.23 | Employer to take all reasonably practical steps to protect the safety and health of employees at facility |  |  |  |  |
| cl. 9(2)(a) | 3.3.9, 3.3.24 | Employer must ensure physical environment is safe for employees and without risk to their health |  |  |  |  |
| cl. 9(2)(b) | 3.3.9, 3.3.20 | Employer must ensure any plant, equipment, materials and substances for use in connection with employee’s work are safe and without risk to health |  |  |  |  |
| cl. 9(2)(c) | 3.3.17 | Employer must implement and maintain systems of work that are safe and without risk to health |  |  |  |  |
| cl. 9(2)(d) | 3.3.27 | Employer must ensure means of access to and egress from the employee’s work location that is safe and without risk to health |  |  |  |  |
| cl. 9(2)(e) | 3.3.7 | Employer must provide employees with appropriate information, training and supervision to safely perform activities  |  |  |  |  |