

Site Safety Manager

Training Awareness



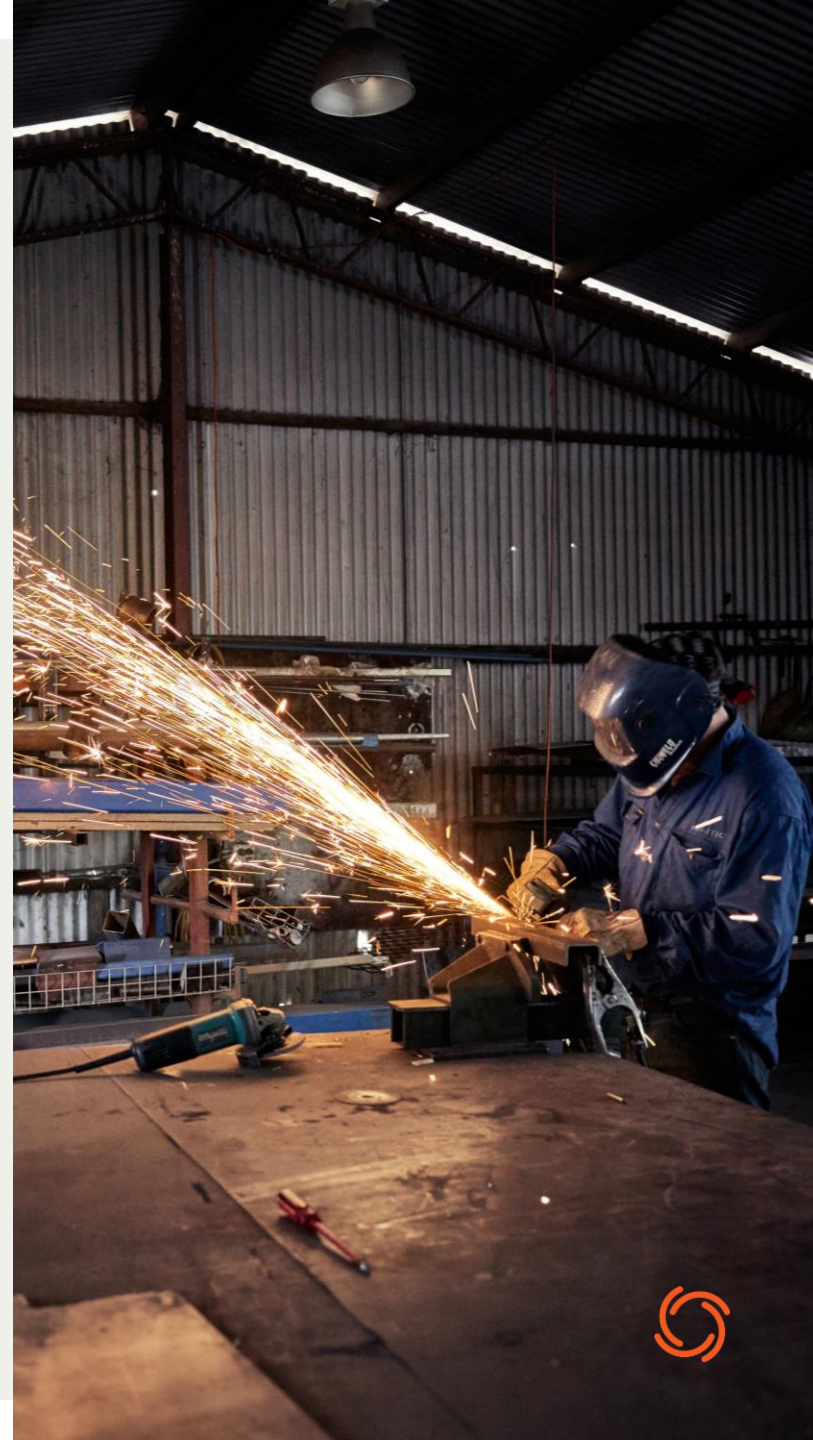
KINETIC™



Provide guidance & explanation about the management of compliance for Operating Plant

Legal Framework

- Regulatory Body:
 - Petroleum and Gas Inspectorate (Dept. of Natural Resources & Mines, QLD)
- Legislation & Regulatory Obligations:
 - Petroleum & Gas (Production and Safety) Act 2004
 - Petroleum & Gas (Production and Safety) Regulation 2004
 - Work Health Safety Act 2011
 - Work Health Safety Regulation 2011
 - Relevant Codes of Practice
- Other Directives:
 - International Standards / API Standards



Definitions – Operating Plant

- Operating Plant (P&G Act, s670) is any of the following-
 - *“A facility used to explore for, product or process petroleum, including machinery used for completing, maintaining, repairing, converting or decommissioning a petroleum well”;*
 - *Example of machinery used for maintaining or repairing a petroleum well – a work over rig.*
 - *A facility that –*
 - *Is related to the exploration, production or processing of petroleum; and*
 - *Is used to take, interfere with or treat associated water and any petroleum incidentally collected with the water;*
- Kinetic Operating Plant:
 - Wireline Units (WIS)
 - Triplex pump / Haskel pump & associated lines (PS)
 - Vac Truck (FM)
- Other (types interaction with) Operating Plant:
 - Client – the actual well & any tools owned that go downhole



Definitions – Operator & ESM

- Who is the Operator of an operating plant? (P&G Act, s694)
 - *“Default site safety manager:*
 - *This section applies if no-one has been appointed as the site safety manager for a site at an operating plant.*
 - *The site safety manager is-*
 - *Of the operator is a corporation – the executive safety manager of the operating plant.*
- Who is the *executive safety manager* of an operating plant? (P&G Act, s687)
 - *“The senior managing officer of the corporation or organisation responsible for the management and safe operation of the operating plant.”*



Definitions – Site Safety Manager

- An appropriately qualified person appointed by the Operator where there is a requirement for one (P&G Reg, s692)
- Operator is default site safety manager (P&G Reg, s694)
 - If no-one has been appointed as the site safety manager for a site at an operating, the operator of the plant is the site safety manager for the site.
- Site Safety Managers obligations (P&G Reg, s693)
 - Detailed later in the presentation

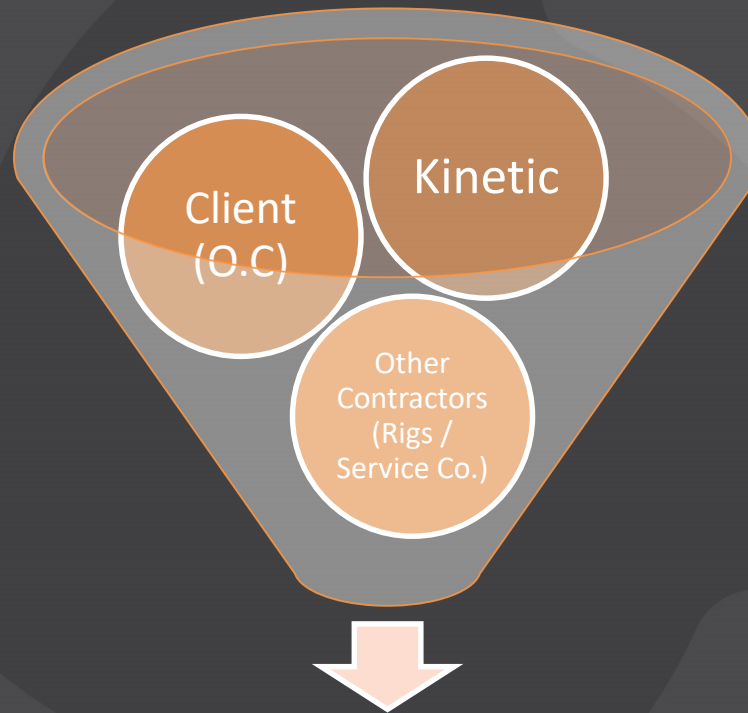


Stages of Operating Plant

- What is a stage of an operating plant? (P&G Reg, s672)
 - A *stage*, of an operating plant means any of the following for the plant -
 - *Commissioning*
 - *Operating*
 - *Maintenance or modification*
 - *Decommissioning*
 - *Limited pre-commissioning construction work*



OPERATOR COMPLIANCE



Regulatory Compliance

Operator of Operating Plant

- Each Operator must comply with the regulations meaning each will have the following for each Operating Plant:
 - Appointed Site Safety Manager
 - Safety Management Plan
 - Emergency Response Plan
 - Trained & competent personnel
 - Supporting HSE resources



Safety Management Plan

- Content requirements for safety management plans (P&G Reg, s675)
 - There are 20+ requirements within the regulation that must be addressed within the SMP
- Kinetic Health, Safety & Environment Management Plan (HSEMP)
 - KIN-WIS-QHSE-MAP002-HSEMP
 - KIN-FMPS-QHSE-MAP002-HSEMP
- Operator responsible for compliance with SMP (P&G Reg, s677)
 - Maximum penalty – 500 penalty units
- Requirement to comply with SMP (P&G Reg, s702) - applies to all persons
 - Maximum penalty – 100 penalty units



Site Safety Manager Obligations

- Site Safety Managers obligations (P&G Reg, s693)
 - *The site safety manager for a site at an operating plant must ensure –*
 - *(a) each person who enters the site is given an appropriate induction that enables that person to comply with section 702, 478 & 699; and*
 - *(b) each person at the site complies with SOP's, ERP's and other measures necessary for the safety of the site and the person; and*
 - *Each person working at the site performs their functions safely and follows SOP's for the plant; and*
 - *Necessary first aid, safety and other like equipment that is appropriate for the likely hazards of the site is –*
 - *Available for use; and*
 - *Adequately maintained; and*
 - *Reasonably available to anyone authorised to be on the site; and*
- *Relevant staff are trained in first aid, emergency and other general safety procedures*
- *Maximum penalty – 1000 units*



Control & Management of Risk at Operating Plant

- General obligation to keep risk to acceptable level (P&G Act, s699)
 - *“Each person at an operating plant must, to the extent of the person’s duties and responsibilities under this Act or the safety management plan for the plant, take all necessary and reasonable action to ensure no person or property is exposed to more than an acceptable level of risk.”*
 - *Maximum penalty - 100 penalty units*
- Operator’s obligation for adjacent or overlapping coal mining operations (P&G Act, s699A)
 - *“The operator of an operating plant must not carry out an activity at the plant if the activity creates an unacceptable level of risk to a person or plant at an adjacent or overlapping coal mining operations under the Coal Mining Safety and Health Act.”*
 - *Maximum penalty - 1500 penalty units*



Control & Management of Risk at Operating Plant continued:

- What is an acceptable level of risk? (P&G Reg, s700)
 - *“For a risk to a person or property to be at an acceptable level, the activities must be carried out so that the level of risk for the activities—*
 - *(a) Is within acceptable safety limits, having regard to each relevant safety requirement;*
and
 - *(b) Is as low as is reasonably practicable.”*
 - *“To decide whether the level of risk is within acceptable safety limits and as low as reasonably practicable, regard must be made to—*
 - *(a) The likelihood of injury or illness to a person, or of property damage, from the risk; and*
 - *(b) The probable severity of the injury, illness or damage; and*
 - *(c) Whether or not the risk is avoidable by reasonable means.”*



Take Action & How we will respond

- If you feel you can contribute to the ongoing improvement of our safety and compliance, or if an unsafe or unhealthy occurs or potentially occurs – take action and report it as soon as possible to your manager &/or the Operator (our General Manager)
- The relevant personnel will review the situation and recommend or instigate action at the direction of the Operator and General Manager.
- Remember – we will work safely so we can home without injury or illness!



RESPONSIBLE PERSONS INTERACTION



Consequences of breaches

- As included throughout this presentation, there are considerable penalties imposed by the regulator to ensure compliance to regulatory obligations.
- This is a personal obligation, which means you will be personally held liable.
- Breaches and the subsequent consequences shall be managed by the Operator & General Manager, and (potentially) the Regulator.



- ✓ HSE MANAGEMENT PLAN
- ✓ FIELD OPS ERP
- ✓ RELEVANT RESOURCE SUPPORT DOCUMENTS (JSA'S, SOP'S, QHSEMS)
- ✓ TRAINED & COMPETENT PERSONNEL (CHECK YOUR CREWS TRAINING STATUS)
- ✓ SSM APPOINTMENT FORM

A silhouette of a worker in a hard hat and safety gear stands on a ladder, operating a large industrial machine, likely a drilling rig, against a dramatic sunset sky with scattered clouds. A large tree is visible in the background to the right.

Make it happen

