

Modification Notice - Regulation 22

If the modification to the regulated activity has already occurred, a regulation 22 modification notice is not applicable.

Interest Holder	Central Petroleum	EMP Title	Mereenie Oil and Gas Field	Unique EMP ID No.	CTP6-4	Mod No.	6	Date	17/9/2025
Brief Description	<p>This Regulation 22 modification is seeking to update the chemicals list contained within the EMP.</p> <p>The updated chemicals list provides a complete list of chemicals proposed to be used during the Well Integrity verification and preservation at Mereenie Field.</p> <p>The chemicals will be stored on bunded pallets until the day of use. Then will be taken to the well site and used. This all occurs on a truck designed for this specifically. The well integrity truck is self-contained, self-bunded and has chemical storage, mixing and pumping all on board.</p> <p>The outcome of this modification and attached risk assessment is that there is no effecting change in environmental risk due to the control measures in place to manage loss of containment.</p>								



Geospatial Files Included?	No						
Does the proposed change result in a new, or increased, potential or actual environmental impact or risk?	If an INCREASE in an existing potential or actual environmental impact or risk, is the increase provided for in the approved EMP?	Does the proposed change require additional mitigation measures to ensure it is managed to ALARP and acceptable levels?	Has additional stakeholder engagement been conducted?	Does the proposed change require additional environmental performance standards or measurement criteria?	Does the proposed change affect compliance with Sacred Site Authority Certificates?	Does the proposed change affect any sub-plans to the EMP?	Will the environmental outcome continue to be achieved?
<i>Attach supporting information to support all answers to the above questions</i>							
No. The additional chemicals are being included to provide well integrity verification and preservation.	N/A	No additional mitigation measures are considered necessary. The additional chemicals are being included to provide well integrity verification and preservation.	No. The updated chemicals list does not impact any stakeholders and adequate stakeholder engagement has been conducted previously.	No additional environmental performance standards and measurement criteria are required. A review of the existing standards and criteria in the EMP identified that all elements will be able to be met and the proposed works will not impact compliance.	No. All works are conducted on existing operational areas and aligned with existing approvals.	No updates to the EMP sub-plans are required.	Yes (refer to Risk Assessment in Table 1).

Current EMP Text				Amended EMP Text			
Table 3-1 Typical chemicals used during operations and workovers				Table 3-2 Typical chemicals used during operations and workovers			
Substance	Hazardous material	Dangerous good	Typical quantity*	Substance	Hazardous material	Dangerous good	Typical quantity*
Anti-corrosives	Yes	Yes	200L	Anti-corrosives	Yes	Yes	200L
Adhesives/glues	Yes	No	500L	Adhesives/glues	Yes	No	500L
Acetone	Yes	Yes	100L	Acetone	Yes	Yes	100L
Thinners	Yes	Yes	200L	Thinners	Yes	Yes	200L
Acetylene	Yes	Yes	100L	Acetylene	Yes	Yes	100L
Biocides	No	No	200L	Biocides	No	No	200L
Truck wash	Yes	No	100L	Truck wash	Yes	No	100L
Priming fluids	Yes	Yes	200L	Priming fluids	Yes	Yes	200L
Diesel	Yes	Yes	25,000L	Diesel	Yes	Yes	25,000L
Pipe cement	Yes	Yes	100L	Pipe cement	Yes	Yes	100L
Degreaser	Yes	Yes	100L	Degreaser	Yes	Yes	100L
Paint	Yes	Yes	100L	Paint	Yes	Yes	100L
Soaps	No	No	50L	Soaps	No	No	50L
Sealant	No	No	200L	Sealant	No	No	200L
Herbicide	Yes	No	200L	Herbicide	Yes	No	200L
Coolant	Yes	No	100L	Coolant	Yes	No	100L
Engine oil	No	No	20L-1,000L	Engine oil	No	No	20L-1,000L
Compressor oil	No	No	1,000L	Compressor oil	No	No	1,000L
Hydraulic oil	No	No	20L	Hydraulic oil	No	No	20L
Grease	No	No	100L	Grease	No	No	100L
Nitrogen	Yes	Yes	100kg	Nitrogen	Yes	Yes	100kg

Oxygen	Yes	Yes	100kg	Oxygen	Yes	Yes	100kg
Propane	Yes	Yes	50kg	Propane	Yes	Yes	50kg
Methanol/ethylene glycol	Yes	Yes	6,000L	Methanol/ethylene glycol	Yes	Yes	6,000L
Helium	Yes	Yes	100kg	Helium	Yes	Yes	100kg
				Sodium Sulphate (Oxygen Scavenger)	No	No	300kg
				Potassium Chloride Fine (Clay Inhibitor)	No	No	3250kg
				Corrosion Inhibitor	No	Yes	150L

Submit this notice and supporting information to Onshoregas.DLPE@nt.gov.au

Modification Notice - Regulation 22

Attachment 1 – Risk Assessment

Substance	Hazardous material	Dangerous good	Typical quantity*	Brand Name	Composition/Concentration used	CAS number	Brief Description of the risk associated with each chemical and how this was determined
Sodium Sulfite (Oxygen Scavenger)	No	No	300kg	Sodium Sulfite	>=97%	7757-83-7	Non-flammable (no fire or explosion hazard) but may evolve toxic gases is strongly heated. Avoid heat, sparks open flames and other ignition sources. Stable under recommended conditions of storage. Low toxicity and low irritant. May cause eye and skin irritation. May cause respiratory irritation such as an allergic reaction. Toxicity determined through LD50 experimentation - LD50: 2,825mg/kg (Rat). Information on ecological toxicity, persistence and degradability, bioaccumulative potential and mobility in oil not provided in SDS.
Potassium Chloride Fine (Clay Inhibitor)	No	No	3250kg	Potassium Chloride	>95%	7447-40-7	Non-flammable (no fire or explosion hazard) but may evolve toxic gases is strongly heated. Avoid heat, sparks open flames and other ignition sources. Stable under recommended conditions of storage. Low toxicity and low irritant. May cause eye and skin irritation. Toxicity determined through LD50 experimentation - LD50: 3020mg/kg (Rat). Prevent product from entering drains and waterways. Humid conditions will cause product deterioration. Avoid strong oxidising agents including Potassium Permanganate, Sulphuric Acid, Bromine Trifluoride. Product contains inorganic substances which are not biodegradable. Information on ecological toxicity, bioaccumulative potential and mobility in oil not provided in SDS.
Corrosion Inhibitor	No	Yes	150L	Hydro 327 - Diethylene glycol monobutyl ether	10-30%	112-34-5	<p>Whilst this product is not considered a significant fire risk, PPE including a breathing apparatus must be worn when approaching fire in a confined space. Environmental precautions include:</p> <ul style="list-style-type: none"> -Prevent contamination of soil and water -Prevent spills from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers -Prevent further leakage or spillage if safe to do so <p>Stable under normal use conditions. Toxicity determined through LD50 experimentation on Diethylene Glycol Monobutyl Ether</p> <ul style="list-style-type: none"> -Oral (Rat) LD50: 5660mg/kg -Dermal (Rabbit) LD50: 4120mg/kg -Eye (Rabbit): 5mg - Severe -Eye (Rabbit): 20mg/24hr - Moderate
				Hydro 327 - Filming Amine	10-30%	61791-39-7	Persistence in the water/soil is low. Potential for bioaccumulation is low. Mobility is high. This substance may be hazardous to the environment - special attention should be given to preventing any form of spillage.