



Application for Works Approval Amendment

Part V Division 3 of the *Environmental Protection Act 1986*

Works Approval Number	W6369/2020/1
Works Approval Holder	Mt Weld Mining Pty Limited
ACN	053 160 400
File Number	DER2020/000102~1
Premises	Mt Weld Rare Earths Project Elora Road, Mining Tenement M38/58, LAVERTON WA 6440 As defined by the Premises maps attached to the Revised Works Approval
Date of Report	23 September 2022
Decision	Revised works approval granted

**A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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1. Decision summary

The Delegated Officer has determined to make amendments to Works Approval W6369/2020/1. The amendments are administrative in nature therefore they do not alter the risk profile of the Premises, providing that activities, emissions and receptors as stated in existing approvals remain unchanged.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

The decision report for the Existing works approval will remain on the department's website for future reference and will act as a record of the department's decision making.

2. Scope of assessment

2.1 Regulatory framework

In amending the works approval, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary

Works Approval W6369/2020/1 is held by Mt Weld Mining Pty Limited (Works Approval Holder) for the Mt Weld Rare Earths Project (the Premises), located at Mt Weld Rare Earths Project Elora Road, Laverton WA 6440.

The Premises relates to Category 5 and the assessed production/design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in existing Works Approval W6369/2020/1.

On 1 August 2022, the Works Approval Holder submitted an application to the department to amend Works Approval W6369/2020/1 under section 59B of the *Environmental Protection Act 1986* (EP Act). The amendment is limited only to extending the commissioning period listed in Condition 5(b), Table 2 of W6369/2020/1 to **allow an additional 6 months (180 calendar days)**.

The Works Approval Holder submitted an Environmental Compliance Report (ECR) to the Department on 13 June 2022. The Delegated Officer has reviewed the ECR and notes the Works Approval Holder has constructed the infrastructure authorised under W6369/2020/1 (indirect fired rotary dryer and hydrocarbon storage facilities) in accordance with the conditions specified in the work approval.

The Delegated Officer notes the commissioning requirements under W6369/2020/1 are sufficient to manage any potential emissions generated by the indirect fired rotary dryer and hydrocarbon storage facilities during an extended commissioning period. The Works Approval Holder is required to monitor emissions to air from the main stack and the combustion stack of the indirect fired rotary dryer for contaminants of concern, to ensure emissions remain consistent with the design specifications. The emissions monitoring by the Works Approval Holder is to occur once during commissioning period after steady state is achieved. Commissioning of the hydrocarbon storage facility must comply with the requirements of *Australian Standard AS 1940: 2004 The storage and handling of flammable and combustible materials*.

On 24 June 2022 the Department provided the Works Approval Holder a Works Approval Compliance Report – Compliance Demonstrated for W6369/2020/1 noting the adequacy of containment infrastructure for hydrocarbon storage is to be further assessed during the next licence amendment of L8141/2007/2.

The Works Approval Holder is also required to submit a Commissioning Report to the department within 60 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in Table 2 of W6369/2020/1 summarising commissioning activities, including timeframes, amount of rare earths processed through the dryer, results of the stack emissions monitoring performed and a review against design specifications as well as performance and compliance with W6369/2020/1. The department will review the Commissioning Report on submission which will inform future risk assessments for ongoing operation of the indirect fired rotary dryer and hydrocarbon storage facility.

3. Consultation

The Works Approval Holder was provided with the draft Amendment Report on 20 September 2022. On 20 September 2022 the Works Approval Holder waived the consultation period and provided no comments.

4. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that an amended works approval will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

4.1 Summary of amendments

Table 1 below provides a summary of the proposed amendments and will act as a record of implemented changes. All proposed changes have been incorporated into the Revised works approval as part of the amendment process.

Table 1: Summary of works approval amendments

Condition no.	Proposed amendments
Condition 5 Table 2	<i>Increasing the Authorised Commissioning Duration from no more than 120 calendar days to no more than 330 calendar days from the date of submission of environmental compliance report.</i>

References

1. Mt Weld Mining Pty Limited 2022, *Email titled: Request for Extension of Concentrate Dryer Environmental Commissioning Period – W6369/2020/1 - Mt Weld Mining Pty Limited*, Received: 01 August 2022
2. Works Approval W6369/2020/1 Available at [Search - Department of Water and Environmental Regulation \(der.wa.gov.au\)](#)
3. Standards Australia 2004, *Australian Standard AS 1940: 2004 The storage and handling of flammable and combustible materials*, Standards Australia, Sydney, NSW Australia