

PRS Category 1 Shortfall Action Plan

g) Resulting Actions -Owner(s)

1. Place the Bay [redacted] process under DAP control with a view to develop specific interventions covering furnace unload operations and operation of the [redacted] mechanism with the furnace at temperature - [redacted] (Bay and Manager) & [redacted] (TL, Metallurgy).
2. Undertake a review of all current OIs relating to [redacted] with a view to strengthen the arrangements for the control and supervision of furnace unload operations and use of the [redacted] mechanism, inclusive of the findings of Action 1. OIs to be amended accordingly - [redacted] (Bay Process Manager) & [redacted] (TL, Metallurgy)
3. In conjunction with Action 1, derive and implement a management plan for co-ordinating and recording future Bay [redacted] operations until Actions 5 and 6 are implemented - [redacted] (Bay Process Manager)
4. Identify a DAP for the process and obtain the required appointment for the interventions identified under Action 1 - [redacted] (GL, Materials)
5. Implement additional guarding to protect the operator from a potential contaminated burn hazard during furnace unload operations. Guarding to achieve a Risk Reduction Target of  $10^{-3}$  failures per demand. - [redacted] (Bay and Manager)
6. Undertake an ALARP review to determine if any practicable engineered improvements can be made to protect the operator from receipt of a CW burn wound during use of the [redacted] mechanism. Review to consider making the operation hands-free - [redacted] (Bay Process Manager) & [redacted] (Bay and Manager)
7. Provide additional LVCW low flow detection and alarm facilities to support implementation of required enhanced management arrangements - [redacted] (Bay Process Manager) & [redacted] (Bay and Manager)

Note:

Completion of Actions 1 to 4 is required to permit restart of operations at the [redacted]. Completion of Actions 5 to 7 is required to enable the operating restriction to be lifted. Completion of Action 5 is required to close out the Category 1 shortfall raised.

Action tracking and close out to be managed via [redacted] PRS Shortfalls Register

h) Signatures

Originator:- [redacted] (SCM) Signature

Action Plan Approved by:- [redacted] (SCM) Signature

Action Plan Authorised by; [redacted] (FM) Signature

Relevant Actionees:-

[redacted] (Bay and Bay Manager) Signature

[redacted] (Bay Process Manager) Signature

[redacted] (GL, Materials) Signature

[redacted] (TL, Metallurgy) Signature

i) **Justification for Continued Operation**

*Subject to close-out of Actions 1 to 4 inclusive and a demonstration that the residual maximum [REDACTED] risk to the operator is close to the [REDACTED]*

**Endorsed by the [REDACTED] MCC (Signature or Minutes of MCC mtg / date)**

**Effective date:**