|  |
| --- |
| **Notification of high risk mining activity: Installing high voltage equipment at a mine** |
| Regulation 675UK of the Work Health and Safety (Mines) Regulations 2022 requires information about high risk mining activities at a mine to be notified to the regulator.Each high risk mining activity specified in Schedule 23 column 2 must not be carried out at or in relation to the mine unless - the notice is acknowledged by the regulator; the waiting period in relation to the activity has elapsed; and the activity is carried out in the manner specified in the notice.Notification is required ***30 days prior to*** installing high voltage equipment at a mine.The mine operator of a mine must ensure that a copy of any notice given to the regulator under regulation 675UK is also given, as soon as is reasonably practicable, to any health and safety representative for workers at the mine.***Note:*** *There may be additional requirements if connecting a high voltage installation to a network – WA Electrical Requirements [WAER section 7].* |

**Complete Parts A to D, provide comments where necessary and identify the specific location of relevant information within any attached documents.**

## List of abbreviations

WHSA 2020 Work Health and Safety Act 2020

WHS(M)R Work Health and Safety (Mines) Regulations 2022

r. Regulation (of the WHS(M)R)

AS Australian Standard

PCBU Person conducting a business or undertaking

| Part A. APPLICANT Details |
| --- |
| **Information required** | **Details** |
| Mine operator (person conducting a business or undertaking) | Click or tap here to enter text. |
| Mine name | Click or tap here to enter text. |
| Safety Regulation System (SRS)Site ID, if knownRelevant SRS site operation(s) (SG) | Click or tap here to enter text.Click or tap here to enter text. |
| Mine operator contact | Name: | Click or tap here to enter text. |
| Position: | Click or tap here to enter text. |
| Telephone: | Click or tap here to enter text. |
| Email: | Click or tap here to enter text. |
| Other key mine operator contacts:- Name- Position- Telephone number- Email address | Click or tap here to enter text. |

| PART B. Contractor (PCBU) details IF APPLICABLE  |
| --- |
| **Information required** | **Details** |
| Contractor (PCBU if applicable) | Click or tap here to enter text. |
| Contractor’s address | Click or tap here to enter text. |
| Project contacts:- Name- Position- Telephone number- Email address | Click or tap here to enter text.Click or tap here to enter text.Click or tap here to enter text.Click or tap here to enter text. |

| Part c. Details high risk mining activity |
| --- |
| **Information required**  | **Provide comments and/or advise location within relevant attachments** |
| The nature of the proposed high risk activity, including particulars of how the activity is to be carried out. | Click or tap here to enter text. |
| The proposed commencement date for the activity | Click or tap here to enter text. |
| The location of the activity | Click or tap here to enter text. |
| The hazards identified as having the potential to arise from the activity. | Click or tap here to enter text. |
| An assessment of the risks associated with the activity | Click or tap here to enter text. |
| The relevant parts of the mine safety management system for the mine that describe the systems, procedures, plans and other control measures that will be used to control risks to health and safety associated with the carrying out of the activity. | Click or tap here to enter text. |

| PART d. ADDITIONAL INFORMATION TO BE PROVIDED TO THE REGULATOR |
| --- |
| **Information required** | **Provide comments and/or advise location within relevant attachments** |
| Design and construction details of the installation | Click or tap here to enter text. |
| Risk assessment and control measures | Click or tap here to enter text. |
| An outline of the high voltage installation design proposal, including a description of the system, site and substation layout drawings. | Click or tap here to enter text. |
| Single line diagrams of the high voltage installation, including main transformer voltage levels and winding configurations, e.g. 33kV Delta – 11kV Star and fault level gradients. | Click or tap here to enter text. |
| Load flow and short circuit study modelling/calculations including component rating calculations (e.g. cables, transformers) and voltage regulation calculations (to ensure system reliability). | Click or tap here to enter text. |
| Protection study modelling/ calculations, including grading margin calculation and verification, e.g. correct discrimination and/or coordination. | Click or tap here to enter text. |
| An earthing study, demonstrating full compliance with touch, step, transfer and stress voltage limits. | Click or tap here to enter text. |
| Demonstration of compliance with safety clearances (for open type installations) | Click or tap here to enter text. |
| Detailed inspection and test plan as per section 9 of AS 2067. The plan must include provision for the referral of any design changes to the original certifying engineer for approval. | Click or tap here to enter text. |
| Verification of operating procedures and maintenance schedules as per section 10 of AS 2067. | Click or tap here to enter text. |
| Certification of compliance of the proposed design conforming to relevant Australian Standards and codes of practice by a senior professionally qualified Electrical Engineer. | Click or tap here to enter text. |