**SAFE WORK METHOD STATEMENT TEMPLATE**

**(Meshing)**

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| --- | --- | --- | --- | --- |
| REVISION STATUS | | | | |
| Revision | Author | Description | Date | Approved By |
| REV01 | Peter Dark | Grouting and Anchor Installation | 17/4/2013 |  |
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**SAFE WORK METHOD STATEMENT**

# Introduction

This Safe Work Method Statement (SWMS) describes the work methodology for meshing. It identifies all Critical Risks and highlights the key Health, Safety and Operational requirements for safe completion of this scope of works.

# Scope of works

High Wall Meshing Works

# Critical Risk

The general requirements of completing (Insert task) under this SWMS have been considered and activities that are classified as a Critical Risk have been identified. Refer to [Section 12](#_Significant_risk_activities_) for the Significant Risks and reference for the relevant Burton Coal Safety and Health Management System.

# Programme

The following key programme dates (if applicable) are required for the activity covered by this SWMS.

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Planned Start Date | Planned Finish Date | Comments |
| High Wall Meshing | TBC | TBC |  |

**Key equipment**

The following key items of plant and equipment, tools are required for activities covered by this SWMS.

|  |  |  |  |
| --- | --- | --- | --- |
| Work Activity | Key Plant & Equipment | Competency Required | Isolation Requirements |
| High Wall Meshing | Meshing skid frame | Specialised Geo Training | E-Stops |

# PPE Requirements

The following items of PPE are required for the activity covered by this SWMS. These PPE items shall not replace the standard site PPE requirements but are specific for the task being conducted.

|  |  |  |
| --- | --- | --- |
| Work Activity | PPE Item | Condition |
| High Wall Meshing | Riggers gloves where required |  |

# Quality assurance

The following Inspection and Test plans (if applicable) apply to activities covered by this SWMS.

|  |  |  |
| --- | --- | --- |
| ITP / Hold Point | Description | Approved |
| N/A | N/A | N/A |

# Hazardous substances

The following hazardous substances are required for activities covered by this SWMS. These hazardous substances must be included in the site Hazardous Substance Register.

|  |  |  |  |
| --- | --- | --- | --- |
| Substance Name | Application | MSDS Supplied | Approved |
| Huskey Eco-Lube EP 2 Grease | Hydraulic Power Pack | Y |  |
| Huskey SGL-800 Series Oils | Hydraulic Power Pack | Y |  |
| Huskey 650 H.T Oil | Hydraulic Power Pack | Y |  |

# Labour resources

The following labour resources (if applicable) are required for activities covered by this SWMS.

|  |  |
| --- | --- |
| Labour Resources | Qualification / Skills |
| 6 personnel | Trained by Specialised Geo with in house training |

# Environmental controls

The environmental controls are required for activities covered by this SWMS. The environmental controls can be split into environmental conditions and working environment.

|  |
| --- |
| Description of Environmental Control |
| Spill kits in place ready for use |

# Reference documents

The following reference documents are required for the activity covered within this SWMS. These are Protocols, Standards, (Refer to [Section 12](#_Significant_risk_activities_)) or Operational Procedures for the Significant Risk activities covered by this SWMS.

|  |  |
| --- | --- |
| Reference Number | Title |
|  | Specialised Geo JHA High Wall meshing using mesh frame |
|  | JHA Working at Heights |

# Methodology

List below the sequence (steps) for completing the activity covered within this SWMS.

* Pre Start checks on frame power pack/plant/machinery
* Use excavator to move frame into place
* Set up oil winch lines and ropes
* Place mesh on frame
* Place mesh on anchors
* Place secondary axle in mesh
* Haul mesh on highwall using positive comes
* Staple seems as it is rolling off frame as first role ends keep connecting next roles until complete
* Remove secondary axle to safe zone and drive to top or use second winch to haul to top safe zone
* Repeat steps as required

# Significant Risks

|  |  |  |
| --- | --- | --- |
| Significant Risks | Are any of these Activities relevant to this SWMS  (Yes / No) | Applicable SOP |
| Entering a trench more than 1.5 metres deep. | Yes / **No** | Hazardous Work |
| Entering a confined space. (See Significant Risk Standard) for definition) | Yes /  **No** | Hazardous Work |
| Potential to fall from a height greater than 1.8m | **Yes** / No | Working at Heights |
| Work that produces fire / heat / sparks / fumes | Yes /  **No** | Hazardous Work |
| Work in, over or adjacent to water. | Yes /  **No** | Working at Heights |
| Work that requires the isolation of hazardous energy | Yes / **No** | Control of Hazardous Energy |
| Lifting using a mechanical lifting device. | **Yes** / No | Lifting using Mechanical Devices |
| Operation of mobile Plant and equipment | **Yes**  / No | Operation of Mobile Plant and Equipment |
| Using hazardous substances (See Significant Risk Standard for definition) | Yes /  **No** | Hazardous Substances |
| Working beside rotating equipment | Yes /  **No** | Plant and Equipment Safeguarding |
| Use of high pressure equipment | Yes / **No** | Hazardous Work |
| Require access to high or low voltage electrical equipment | Yes / **No** | Hazardous Work |
| Work on or adjacent to a road or railway. | Yes / **No** | Work Adjacent to Road and Rail |

|  |  |  |
| --- | --- | --- |
| Critical Risk | Are any of these Activities relevant to this SWMS  (Yes / No) | Applicable SOP |
| Exposure to excess noise, vibration, excess lead, silica. | Yes /  **No** | Health and Hygiene |
| Excessive air emissions, ground contamination due to work processes | Yes / **No** | Environmental |
| Prescribed Activity  (Demolition or removal of asbestos) | Yes / **No** |  |
| Tilt-up or Pre-cast Construction Work | Yes /  **No** | Lifting using Mechanical Aids |
| Use of Light Vehicles | Yes /  **No** | Use of Light Vehicles |

**Critical Risks continued**

# Hazard Control Study

If you answer YES to any of the questions in Section 12 then a Hazard Control Study is required.The controls included in the Hazard Control Study must be in place prior to the commencement of work. Relevant Significant Risk Standards are to be used as the primary source of control measures that must be implemented to control risk. A representative from all work areas involved in the work task must be consulted and provide feedback into the development of the SWMS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Critical Risk | Measures to Control Critical Risk | Risk Rating | | |
| Consequence | Likelihood | Rating |
| Potential fall from heights | Trained & competent rope access technicians. Refer to Specialised Geo JHA. | 5 | E | E |
| Lifting using mechanical lifting devices | Rated slings chains, spotter, tag lines | 2 | D | D |
| Operation mobile plant | Ticketed competent personnel | 2 | D | D |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Approval

Approval for the SWMS shall be sort from the list below prior to release.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Position | Signature | Date | Comments |
|  |  |  |  |  |
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|  |  |  |  |  |

# Revision

To be completed upon any revision or change of process or design.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Position | Signature | Date | Comments |
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