**Site-SPecific HAZARD ASSESSMENT**

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| **Company Name:** |  |
| **Work Location:** |  |
| **Muster Location:** |  |
| **Evacuation Plan:** |  |

**Table

Description automatically generated**

***Guide: Assign a Risk Rating (Severity x Probability) to each applicable hazard category in the table below.***

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| **Description of Work to be Performed** |
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| **Risk Rating** | **Hazard Conditions** | | **Control Measures** *Existing and New* | | **Required PPE** |
|  | **Location** | | **Location / Work Area / Worksite** | | CSA Hearing Protection |
| Remote Area | Central Area | Journey Management Plan | Pre-inspection or walk-around | Gloves |
| Limited/ No Cell Service | Cell Service | Communication plan | | Safety Glasses |
|  | **Work Area / Worksite** | | **Road / Walking Conditions** | | Personal Gas Monitor |
| Dust/Mist/Fumes | Vehicle / Pedestrian Movement | Situational awareness | Secure all inside cargo and any cargo to be hauled | Hard Hat |
| Mobile Equipment Operations | Pinch / Crush / Swing | Use of spotters | Maintain eye contact with equipment operators | High Visibility Clothing |
| Congestion/ Clearance | Other Workers in the Area | Defensive driving | | CSA Footwear |
|  | **Driving – Road Conditions** | | Limit congested work zones, heavy traffic, night driving, severe weather, and road conditions | | **OTHER** |
| Dry | Muddy/Slippery | Use of caution lights, cones, barricades, or flaggers | |  |
| Loose Gravel | Icy | Self-assess for fatigue | |  |
| Loose Gravel | Poor visibility | Monitor for hypothermia/frostbite | |  |
| Pedestrian Traffic | Large-Animal Crossings | Monitor weather conditions | |  |
|  | **Walking Conditions** | | Proper clothing/footwear | Take breaks |  |
| Dry | Muddy/ Slippery | Drink fluids and eat snacks/meals | |  |
| Uneven Terrain | Icy | **Additional Control Measures** | |  |
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|  | **Weather Conditions** | |  |
| Sunny | Overcast |  |
| Windy | Foggy |  |
| Raining | Snowy |  |
| Temperature: \_\_\_\_\_\_ oC | |  |
|  | **Noise** | | **Noise** | |  |
| Noise Leve l / Type: | | Hearing Protection | |  |
| Expected Exposure Time: | | Limit time in high levels of noise exposure | |  |
|  | **Ergonomic Hazards** | | **Ergonomics** | |  |
| Awkward Body Posture | Working in tight areas | Ensure proper body posture and positioning | |  |
| Over Extension | Working above your head | Prevent over extension | Lift with legs |  |
| Lifting Heavy Loads | Hands not in line of sight | Mechanical lift | 2-person carry |  |
| Prolonged Repetitive Twisting/Bending |  | Push, instead of pull, as much as possible | Limit twisting and overhead work |  |
|  | **Personal Limitations** | | **Personal Limitations** | |  |
| Green Hand | Unavailable Procedures | Communicate any limitations prior to the task | |  |
| Physical Limitations | Confusing Instructions | Ask for proper instructions or a demonstration from a knowledge worker | |  |
|  | **Chemicals** | | **Chemicals** | |  |
| Flammable vapors | H2S or other toxic gases | Review SDS | Monitors/ Alarms |  |
|  | **Work at Heights** | | **Work at Heights** | |  |
| Falling to a lower level | Lightning or environmental conditions | Inspect fall protection equipment | Supervisory jobsite walk through |  |
| Falling objects | Suspension trauma | Be aware of electrical lines and weather conditions | Mechanical assist devices (ropes, pulleys, etc.) |  |
| Live electrical lines | Inadequately supported surfaces | Barricade, cover, or guard surface openings | Full body harness |  |
|  | **Electrical Hazards** | | **Electricity** | |  |
| Overhead power lines | Underground electrical cables | De-energize/isolate, lock and tag, test, and ground | Ensure required clearance |  |
| Live electrical systems/ Hot work | Flammable vapor or material | Locate underground lines or contact utility provider | Require that only qualified electrical persons work on systems rated 50 volts and above |  |
| Static electricity | Electrically powered equipment | Pre-use inspect equipment and power cords | Assume equipment is live – *Test Before Touch* every time! |  |
|  | **Lifting and Rigging** | | **Lifting and Rigging** | |  |
| Congested work areas | High-voltage power lines | Use approved equipment for binding and chocking | Supervisory jobsite walk through |  |
| Loads, outriggers, or swinging counterweights striking personnel, vehicles, or equipment | | Prohibit climbing on or walking under loads | Keep spotter in view of the crane operator |  |
| Equipment overloading, overextension, and overturning | | Ensure enough space for mobile crane operations | |  |
| Unchoked pipes | Complex lifts (dynamic, blind, or unstable) | Maintain required clearance when working near power lines | |  |
|  | **Excavation** | | **Excavation** | |  |
| Underground pipelines | Cave-ins | Gas testing and monitoring | Supervisory jobsite walk through |  |
| Underground electrical systems | Prescence of toxic gases | Secure and barricade work site to prevent unauthorized access | Pre-job permit and inspection of the excavation |  |
| Moving equipment |  | Provide appropriate means for entering and exiting excavations | Store removed soil away from the edge to avoid cave-ins or falling soil |  |

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| **Work Crew** | | | |
| **Workers Name** | **Signature** | **Workers Name** | **Signature** |
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| **Site Manager / Supervisor** | **Supervisor Signature** | **Comments** | |
|  |  |  | |
| **Client Representative** | **Client Representative Signature** |
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