### HEALTH AND SAFETY MANAGEMENT SYSTEMS

### RISK ASSESSMENT – USING MOBILE PLATFORMS (MEWPs)

**EXISTING ENVIRONMENT**

<table>
<thead>
<tr>
<th>Access / Egress</th>
<th>Adjacent Areas</th>
<th>Adjacent to Water</th>
<th>Asbestos</th>
<th>Biological Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confined Spaces</td>
<td>Contaminated Ground</td>
<td>Laser / RF Fields</td>
<td>Means of Escape</td>
<td>Needles / Sharps</td>
</tr>
<tr>
<td>Occupied Premises</td>
<td>Overhead Services</td>
<td>Stability of Structure</td>
<td>Underground Services</td>
<td></td>
</tr>
<tr>
<td>Others (Please State)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CONSTRUCTION PHASE**

<table>
<thead>
<tr>
<th>Access / Egress</th>
<th>Adjacent to Water</th>
<th>Asbestos</th>
<th>Collapse of Excavation</th>
<th>Collapse of Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confined Spaces</td>
<td>Contact with Services (Electricity, Gas, Water)</td>
<td>COSHH</td>
<td>Dust</td>
<td>Extreme Temperature</td>
</tr>
<tr>
<td>Falling Objects</td>
<td>Fire</td>
<td>Fragile Materials</td>
<td>Manual Handling</td>
<td>Noise / Vibration</td>
</tr>
<tr>
<td>Site Security</td>
<td>Struck by Traffic / Plant</td>
<td>Tools and Equipment</td>
<td>Trip on Level</td>
<td>Vehicles Overturning</td>
</tr>
<tr>
<td>Working at Height</td>
<td>Others (Please State)</td>
<td>General Construction Activities</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2. WHO MAY BE HARMED?

- Employees (E) ☒
- Sub-contractors (S) ☐
- General Public (GP) ☒
- Official Visitors ☒
- Others (O) ☒

### 3. RISK EVALUATION AND CONTROL MEASURES

#### Significant Health and Safety Risks

<table>
<thead>
<tr>
<th>Risk</th>
<th>Control Measures</th>
</tr>
</thead>
</table>
| Falling from height, High | - Work at height risk assessment  
- Operators to be trained and competent (CPCS* or IPAF*)  
- MEWP not to be used if damaged or in high winds  
- MEWP not to be overloaded and never used as lifting appliance  
- Equipment must be adequately serviced and maintained  
- Harnesses to be worn by operatives in boom lifts. In scissor lifts separate risk assessment to be carried out to determine the likelihood of the machine overturning  
- Wear worn, harnesses to be clipped inside of basket. Lanyard to be of fall restraint type not fall arrest |
| Falling objects, Low | - Head protection  
- Separate people routes  
- Toeboards on working platform  
- Waste disposal procedures in operation  
- Work area to be bariered/coned off |
| Collision with vehicle, High | - Route of access planned – especially on street working  
- Hi-visibility barriers on equipment  
- Working area (including footprint of lifting apparatus) barriered |
| Defective equipment, Low | - Equipment checked prior to use  
- Defect reporting system in operation  
- Weekly, visual, inspection to be carried out by competent person  
- 6 monthly statutory inspection to be carried out by competent person, certificate to be obtained |
| Overhead cables, High | - As far as reasonably practicable cables to be diverted / buried, shrouded or protected by other means (in this priority)  
- If unable to divert, bury or shroud, relevant authority to be contacted to determine heights of cables  
- Relevant protection to be put in place in accordance with the requirements of the cable owners  
- Separate risk assessment to be carried out for the works being carried out under cables |
| Overhead obstructions, Low | - Keep equipment away from overhead obstructions when practicable  
- Care to be taken when elevating under overhead obstructions |
| overturning of equipment, Low | - Equipment only to be used for access – not as a crane  
- Safe working load of equipment not to be exceeded. Take into account the weights of those using it  
- Tyres properly inflated  
- Check ground conditions  
- Outriggers to be used where fitted |

### RISK ASSESSMENT KEY

<table>
<thead>
<tr>
<th>Risk Assessment = S x L</th>
<th>1 = Slight</th>
<th>2 = Serious</th>
<th>3 = Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>L = likelihood</td>
<td>3 = Likely</td>
<td>Medium (3)</td>
<td>High (6)</td>
</tr>
<tr>
<td>2 = Possible</td>
<td>Low (2)</td>
<td>Medium (4)</td>
<td>High (6)</td>
</tr>
<tr>
<td>1 = Rare</td>
<td>Low (1)</td>
<td>Low (2)</td>
<td>Medium (3)</td>
</tr>
</tbody>
</table>

**HS6-54**

Risk Assessment Date: January 2012

Use of MEWPs

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4. PERSONAL PROTECTIVE EQUIPMENT

Safety Helmet ☒ Safety Boots ☒ Goggle / Visor ☐ Overall ☐ Gloves ☐
Hearing Protection ☐ Respiratory Protective Equipment ☐

5. ADDITIONAL REQUIREMENTS / INFORMATION

Trained persons only
Machines tested and inspected
Refer to HSE Construction Information Sheet CIS 58: The Selection and Management of Mobile Elevating Work Platforms
Refer to HSE Miscellaneous Information Sheet MISC614: Preventing Falls From Boom – Type Mobile Elevating Work Platforms
*CSCP: The Construction Plant Competence Scheme
*IPAF: The International Powered Access Federation