Health, Safety & Environment Alert

WIND LOADING AND MANAGEMENT OF THE STABILITY OF TEMPORARY FENCING

Authorised by: Neil Hancox: SMB Head of SHWEQS  Date: 17/11/15
Distribution: Eight2O and Health and Safety Hub

What is the danger/risk? High winds can be experienced at any time of the year across the UK. With high winds come specific health and safety challenges. This alert focusses on the design, planning, installation and management of temporary fencing and barriers.

Incident information: During a period of high wind last week, a section of temporary “HERAS” fencing was blown into the live carriageway causing damage to a passing construction vehicle. No-one was injured on this occasion and the damage to the wagon was minimal. It was found that the barrier bases designed to be filled with water or ballast had not been filled. This means that not only was the stability of the fencing compromised, but so was the safety of the personnel separated from passing traffic by the barriers. There were sections of other fencing within the site fitted with an Acoustic Barrier System that had a major impact on wind loading.

Action required: When installing temporary barrier systems of any type we need to:

- Seek wind-loading guidance from fencing manufacturers or your supplier.
- Fully understand the impact on wind loading and stability when adding debris netting, acoustic sheeting or signage to fencing. FOLLOW LOCAL TEMPORARY WORKS PROCESS TO VERIFY STABILITY
- Follow manufactures guidance for stability of bases and brace panels or fill barriers with water or ballast
- Monitor weather reports and plan and prepare for high winds. This may entail removing acoustic barriers
- Be prepared to remove acoustic barriers during high wind if there is an inherent danger to the workforce or the general public.
- Consider removal of Acoustic Barrier Systems when we are not present on site

Contacts for further advice: You should discuss any concerns or queries with your project Temporary Works Coordinator in the first instance.

Your fencing manufacturer or supplier will be able to assist you and the Temporary Works Team with data and many offer a service to provide detailed installation guidance.
Health, Safety & Environment Alert

WIND LOADING AND MANAGEMENT OF THE STABILITY OF TEMPORARY FENCING

Authorised by: Neil Hancox: SMB Head of SHWEQS  Date: 17/11/15
Distribution: Eight2O and Health and Safety Hub

Briefing for alert

We the undersigned have been made aware of the contents of this briefing. If we are unable to carry out the work safely or if the environment is at risk, we agree that we must immediately stop work and inform our manager/supervisor.

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Manager/supervisor’s signature:  Date:

Continue on another copy for additional employees