NASC Regional TG20 Presentations to Principal Contractor & Temporary Works Consultants

RAISING STANDARDS

Leeds 11th May 2017
London 23rd May 2017
Why Use an NASC Member?

Delivered by:

Rick Statham CMIOSH
Joint Managing Director

www.safetyaccess.co.uk
National Access and Scaffolding Confederation

Overview
Founded in 1945.
Recognised as the national trade body for access and scaffolding within the UK.

Objective
To ensure the scaffolding and access industry maintains the highest practicable standards of safety and workmanship.
Benchmarking best practice for scaffolding

Working closely with key organisations to meet and develop industry requirements
Inclusive Coverage

Full Membership
• Scaffolding contractors
• Companies involved in the hire, sale and manufacturing of scaffolding and access equipment

Information Membership
• Service providers to the scaffolding/access industry
Strict Membership Criteria

• Rigorous application process

• Applicants must meet ALL criteria

• Successful applicants independently audited at office and site
Strict Membership Criteria

- Must be trading for 2 years
- 75% minimum directly employed scaffolding operatives
- 90% minimum CISRS carded scaffolding operatives
- CITB and VAT registered
- £5m Public Liability and £10m Employers Liability
Strict Membership Criteria

- Health and Safety compliance
- Identifiable scaffolding plant and equipment
- Attend minimum number of NASC meetings
- Initial 12 month audit followed by annual audits to ensure NASC standards are maintained
- Agree to abide by the NASC Code of Conduct
31 Applications Submitted (Prev. 12 months)
2017 Membership Statistics

14 Successful New Members
Currently 231 full member companies
Nationwide

70% - 80% of the UK scaffolding spend (estimate)

NASC represented throughout the UK

Work in every sector: Nuclear, Offshore, Industrial, House Building
100+ committee members

- Training
- Health and Safety
- Technical
- Hire, Sale and Manufacturing
- Contractual
- Audit
- Marketing

2 regional meetings per year (5 regions)

9 staff (full and part time)
Guidance

- Safety Guidance
- Technical Guidance
- Contractual Guidance
- Security Guidance

Available to: members | sites | contractors | everybody
Accident Figures (Frequency Rate)

Published Figures from NASC Safety Report 2017

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<th>Year</th>
<th>No. of Operatives</th>
<th>Frequency Rate</th>
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<td>2016</td>
<td>17005</td>
<td>0.28</td>
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<tr>
<td>2015</td>
<td>14954</td>
<td>0.32</td>
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<tr>
<td>2014</td>
<td>14988</td>
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<td>14098</td>
<td>0.48</td>
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<tr>
<td>2011</td>
<td>13716</td>
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NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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Protection of the Public

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Interaction with the general public during scaffolding operations can be high risk
Avoiding Problems

- Robust scaffold design and checking
- Competent people to erect and dismantle
- Effective supervision
- Diligent Handover and Inspection
- Responsible scaffold users
- Appoint competent scaffolding contractors
- Precautions against falling objects during work activity period on scaffold
Pavement lifts
Independent scaffolding erected over a public pavement requires safety measures that include increased headroom of 2.5 – 2.7 m and no ledger bracing below the first lift.

Note: Pavement Gantries are not featured in TG20:13 and are subject to bespoke design.
Cantilevered protection fans

Independent scaffolding may incorporate a light-duty cantilevered fan that protects those below from falling materials.

*Other forms of fan require a bespoke design.*
A TG 20:13 light-duty fan is designed to support a maximum uniform imposed load of 0.75 kN/m².

A TG 20 compliant protection fan is a light-duty fan that is commonly used to catch small falling objects such as fittings from a vertical distance of no more than 6 m.

A protection fan cannot guarantee to stop a falling object: the trajectory of a falling object or the influence of the wind may be such that it lands outside the fan, or it may bounce even when falling short distances.

If a light-duty fan is deemed to be insufficient, a heavier-duty fan may be used.

These fans should be designed specifically for their purpose.
MEDIUM DUTY CLASS B FAN BUILT OUT FROM A SCAFFOLD

- 1.0kN/m²
- Projection 2.4m – 5m
- Transoms to support decking
- Spurs may need supplementary couplers to resist wind uplift
- Must be tied at fan level

- Max distance of fall of materials 10 metres

- Requires bespoke design
Gantry Scaffold

Requires bespoke design
Loading & Unloading Scaffolding Vehicles

During delivery & removal of equipment on site
Effective supervision and safe systems of work
Consider Proximity to Roads etc.
Communication ("The Client Brief") TG20

The client brief should include at least: (But not restricted to)

- The anticipated usage of the scaffold, the maximum number of people using the scaffold at any time, the working loads to be carried, and the nature of any plant that might be used on it;

- The scaffold height, length and any other critical dimensions;

- Any specific requirements or provisions, for example openings through the scaffold for vehicular access or pedestrian walkways;

- The period of time it is required to be in place;

- Whether stair access should be provided instead of ladders;

- Whether there is a need for a loading tower or specially strengthened portion of the scaffold to receive loads to be placed by mechanical handling equipment or which consist of packaged materials and the magnitudes of all such loads;

- Whether there is a need for temporary cladding, such as brick guards, debris netting or sheeting.
Scaffold Specification Template

(Guide to Managing and Appointing Scaffolding Contractors)
Management Guide

NASC
NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

NASC Guidance
April 2016

Issue Date: 5th April 2016
Page 1 of 20
SG34:17
Guidance on Protection of the Public

1. INTRODUCTION
Legislation, including the Construction (Design and Management) Regulations (CDM 2015) and Management of Health and Safety Regulations (MHSW 1999), outlines that clients, main contractors, designers, users, e.g. other contractors on site who will use the scaffold and scaffold contractors have a duty to consider and control the risks to the general public as easily as possible, at the earliest stage, planning stage 0, i.e. planning, planning, payment, licence, traffic management, hoarding, lighting, signage, etc., throughout the life of each project.

The general public will be aware of the hazards associated with scaffolding activities making them more vulnerable to the possibility of injury, therefore adequate planning involving all parties is essential for the safe erection, use, dismantling, maintenance and removal of scaffold structures in close proximity to the general public and others who may be affected by scaffolding operations.

This NASC guidance document has been produced to give an overview of the planning required and the range of precautions that need to be considered to eliminate the risk of harm (including that of controlling the risk of falling material and transport accidents).

1. Many of the principles in this guidance document have been taken from existing NASC Guidance, such as TGD O.
Duties of persons using scaffolds

Unauthorised modifications

Any specific reconfiguration of, or reattachment of, a scaffold must be done by a competent person. The reconfiguration must comply with the requirements of the scaffold manufacturer and the Health and Safety at Work Act. All work on a scaffold must be done by a competent person.

Mechanical handling

A building tower or overly strengthened portion of the scaffold is required to be loaded to the maximum specified loads that are not greater than the mechanical properties and or that are allowable based on the manufacturer’s instructions. Guidance is provided in chapter 10.

Persons using scaffolding on which goods are placed should ensure that the scaffold is not overloaded, either locally or in general, by excessive imposed loads.

Lifting operations

All lifting operations are subject to the General Operating and Lifting Cages (LOD) regulations. This includes:

- Adequate training for all personnel involved in lifting operations.
- Effective risk assessments and implementation of control measures.
- Use of appropriate lifting equipment and methods.
- Adequate supervision and communication during lifting operations.

Protection of the public

Persons using scaffolds are required to:

- Ensure that scaffolds are erected, altered or dismantled in a manner that does not cause any harm or injury to the public.
- Provide clear signage and barriers around the worksite.
- Advise the public of the presence of the scaffold and the reasons for its installation.
- Ensure that the scaffold is adequately lit and secured against wind and other environmental factors.

Protecting the scaffold

Scaffolders should be reminded of the following precautions:

- Use of correct protective clothing and equipment.
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Protecting the environment

General scaffolding is a minor environmental impact. However, the work done from scaffolds can cause dust and noise pollution. The use of correct protective clothing and equipment can help reduce this impact.

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