2018 Updates to the 2009 SCA Safety Program & Procedures Manual

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November 14, 2018

Over time, corrections, new regulations, and updated guidelines have required the SCA to update the Safety Program & Procedures Manual, also called the "SCA Safety Manual." This document provides an update to the 2009 SCA Safety Manual as of 2018. *Additions, deletions, and changes to the 2009 Safety Manual are italicized.*

These changes supersede any changes made via the 2012 or 2015 Updates to the SCA Safety Manual.

The SCA is committed to promoting a safe work environment for all SCA personnel, school occupants, workers and general public. Check our website www.nycsca.org for the most current versions of our forms and checklists.

Garvey Compas, Safety Director

Changes to 2009 Safety Program & Procedures Manual

Part 14: Public Protection

Page 304 - SCA General Requirements
Modify Number 11:
11. The PE of record *or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance* shall inspect and certify the Sidewalk bridge installation prior to erection of scaffolding on top of the bridge.

Modify Number 12:
12. The PE of record *or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance* shall re-inspect and re-certify the Sidewalk Bridge at a minimum of 6 months or at the request of the SCA Safety Unit.

Part 15: Scaffold

Page 333 - SCA General Requirements
Modify Number 7:
7. The PE of record *or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance* shall inspect and certify the scaffold as being installed in accordance with filed plans and drawings. Any deviations in the field shall constitute the plans to be revised and re-filed with DOB for approval.

Modify Number 17:
17. A Professional Design Drawing shall be required for all supported scaffolds with a height to base width (including outrigger supports, if used) ratio of more than four to one (4:1). Details for tiebacks shall include substrate construction (cavity, structural beam, etc.) PE to also consider layout of site including any metal grating, stairs, lower roofs, etc, that may be used to support the scaffold. The Professional Engineer (PE) on record *(or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance)* shall re-inspect and recertify the scaffold at minimum every six (6) months or at the request of the SCA Safety Director/Safety Inspector. All PE drawings and Inspection letters must be readily available for inspection on site by SCA Safety Officer.

Page 337 - Criteria for Supported Scaffolds
Replace Item 1 in its entirety with the following:
1. Supported scaffolds with a height to base width (including outrigger supports, if used) ratio of more than four to one (4:1) shall be designed and inspected by the PE of Record *(or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance)* prior to use. Such scaffold shall be restrained from tipping by guying, tying, bracing, or equivalent means as per design drawings.

Page 338 - Criteria for Suspension Scaffolds

Replace Item 1 in its entirety with the following:

1. All suspension scaffold support devices, such as outrigger beams, cornice hooks, parapet clamps, and similar devices, shall rest on surfaces capable of supporting at least 4 times the load imposed on them by scaffold operating at the rated load of the hoist (or at least 1.5 times the load imposed on them by the scaffold at the stall capacity of the hoist, whichever is greater). Professional Engineer of Record *(or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance)* shall certify the structural integrity of these surfaces.

Replace Item 4 in its entirety with the following:

4. Prior to initial use of the scaffold, PE of Record *(or a licensed engineer designated by the Engineer of Record as long as that licensed engineer is employed by the same firm and demonstrated to be covered under its Professional Liability insurance)* shall certify that the scaffold has been installed as per design drawings. This letter is to be kept on site. Before the scaffold is used, direct connections shall be evaluated by a competent person who shall confirm, based on the evaluation, that the supporting surfaces are capable of supporting the loads to be imposed. In addition, masons' multi-point adjustable suspension scaffold connections shall be designed by an engineer experienced in such scaffold design. Design drawing shall be made readily available at site for inspection by SCA Safety Officer.