



The Weekly NAB Newsletter for Television Broadcast Engineers

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## National Association of Tower Erectors Publish Hazard Recognition Guide

The National Association of Tower Erectors (NATE, Watertown, S.D., [www.natehome.com](http://www.natehome.com)) has launched a free, Internet-based tower site *Hazard Recognition Guide* with the goal of improving safety on broadcast and communications tower sites. This guide has been designed to help project managers, site superintendents and other responsible personnel on a tower site to recognize and deal with hazardous situations. NATE launched the Guide at NATE 2010, its annual trade show held last week in Lake Buena Vista, Fla.

NATE teamed with Cellular South (and another, unnamed cellular carrier), and with SBA Communications Corporation, an independent owner and operator of wireless communications towers across North America, to develop this Guide. The

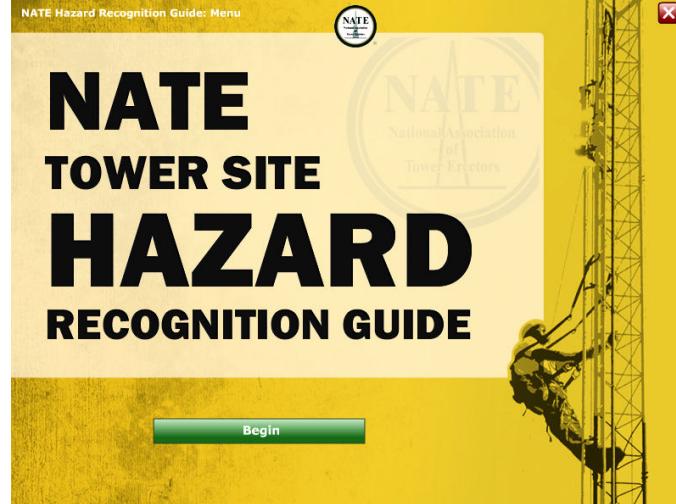
Association has leveraged its repository of tower safety standards and safety resources to ensure the *Hazard Recognition Guide* provides personnel with the information required to empower everyone on a broadcast or communications tower site with the knowledge of safe operating procedures.

The Guide is designed to empower on-site employees of tower owners, carriers, broadcasters and general contractors to recognize hazards on broadcast and communications tower sites and take steps to alleviate those situations quickly and effectively. The Hazard Guide also provides additional resources such as OSHA guidelines where further information about specific topics can be obtained.

As part of its mission to increase safety on all broadcast and communications tower sites, NATE is offering the Guide free to anyone in the industry. To access, go to [www.hazardrecognition.com](http://www.hazardrecognition.com), fill out the (free) registration information, then under COURSES click on the "NATE Hazard Recognition Guide," and under TRAINING click on "NATE Hazard Recognition Guide," and finally, click on the "Run training" button which will initiate the Guide player in your Web browser.

The Guide is organized into eleven "chapters" which are listed in the table below along with the number of pages in each chapter. Within each chapter, a series of questions are posed which lead to a discussion of good safety practices and ways to identify hazards. When appropriate, safety regulations are quoted which apply to the situation being discussed. For example, in the personal protective equipment (PPE) chapter there is a question about hand protection for which Title 29 of the Code of Federal Regulations (CFR), Part 1910 (Occupational Safety and Health Standards) is excerpted as follows:

"29 CFR 1910.138 requires that employers require their employees to wear hand protection when employees' hands are exposed to hazards such as harmful substances, cuts, or lacerations, severe abrasions,



HAZARD IDENTIFICATION GUIDE MENU	
Topic	# of pages
Job site documentation	18
Job site conditions	13
Personal protective equipment (PPE)	11
Fall protection equipment	31
Training	17
Radio-frequency energy (RF)	6
Hoists	31
Personal lifting	22
Rigging and blocks	8
Gin poles	8
Ladders	7

punctures, chemical burns, thermal burns or harmful temperature extremes. Employers shall base the selection of the performance characteristics of the hand protection relative to the tasks to be performed, conditions present, duration of use and the hazards and potential hazards identified."

Other specific information of interest includes the following:

- Detailed description of "Personal Fall Arrest Systems" with information on such components as anchorages, body harnesses, D-rings, snap-hooks, and carabiners;
- Tower climber fall protection training information, citing specific relevant regulations and retraining requirements;
- Detailed information on the inspection, testing, and maintenance of hoists.

## **2010 NAB Broadcast Engineering Conference Summary of Presentations**

Check out the papers that will be presented at the 2010 NAB Broadcast Engineering Conference in Las Vegas, April 10–15, 2010. Find registration, housing or additional information on the NAB Show at <http://www.nabshow.com/2010/default.asp>.



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