

OFFICE OF THE STATE FIRE MARSHAL
STATE OF ILLINOIS

Statute, Rule or Policy Interpretation: **Clarification of the Type of Cable Used to Temporarily Suspend Truss Components**

Title:	Pyrotechnic Distributor and Operator Licensing Rules
Part:	41 Ill. Adm. Code 230
Section Number:	230.260(d)(2)
Section Title:	Modifications to NFPA 1126
Policy Number:	08-PYRO-001

Purpose: To ensure uniform enforcement of Part 230 of Title 41 of the Illinois Administrative Code “*Pyrotechnic Distributor and Operator Licensing Rules*,” this instruction clarifies the type of cable used to temporarily suspend truss components when using pyrotechnics before a proximate audience as provided in 41 Ill. Adm. Code Part 230.260(d)(2).

Scope: Statewide

Current Code: Section 230.260 Modifications to NFPA 1126

NFPA 1126, Use of Pyrotechnics Before a Proximate Audience, is modified to include the following additional requirements:

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d) The following are additions to the requirements of Chapter 8.2 (Firing Prerequisites):

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2) All temporary suspended truss components, whether supported from the ground or from a building’s ceiling, shall have either a steel aircraft cable 3/8” galvanized wire rope safety backup protecting standard polyester spansets (polyester roundslings) or use GACflex™ wire rope soft sling to attach truss to the chain motor.

Policy: It is the policy of the Office of the Illinois State Fire Marshal that:

Section 230.260(d)(2) shall amend Chapter 8.2 of NFPA 1126 to require:

All temporary suspended truss components, whether supported from the ground or from a building’s ceiling, shall have either a steel aircraft cable 3/8” galvanized wire rope safety backup protecting standard polyester spansets (polyester roundslings) or use a roundslings that has a load-bearing member made of galvanized steel aircraft cable with a minimum vertical rated capacity of 5,300 pounds, and a temperature rating of 400° Fahrenheit. In the event the roundslings is encased in a jacket, the jacket shall be constructed in a manner that permits the galvanized steel aircraft cable core to be inspected for broken wires and corrosion.

Reason: LiftAll, the company that manufactured GACflex™, no longer markets its galvanized aircraft cable slings under the name of GACflex™. In addition, other companies manufacture and market similar galvanized aircraft cable steel slings that can comply with the defined performance criteria.

Effective Date: April 2008