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Indiana Department of Labor – IOSHA Division

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## **SUMMARY SHEET**

**FATAL INJURY INVESTIGATION OUTCOME:** Indiana State Fair (workplace)

IOSHA found that the **Mid-America Sound Corporation**, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not establish and maintain conditions of work which were reasonably safe and healthful for employees, and free from recognized hazards that were causing or likely to cause death or physical harm to employees. Therefore, the following safety violations are issued:

### **Knowing Violation 1:**

- a) Mid-America Sound did not develop and implement an Operations Management Plan pertaining to the construction of the 2011 structure.
- b) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not prepare proper layout drawings, engineering documentation, and Operations Management Plan for each use.
- c) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not develop a risk assessment plan and make workers aware of the hazards pertaining to the construction of the 2011 structure.
- d) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not conduct periodic inspections by a qualified person, with appropriate documentation, on the structure constructed at the 2011 Hoosier Lottery Grandstand.
- e) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not keep records for each structural component pertaining to the 2011 structure.
  - A \$21,000 penalty has been assessed.

### **Knowing Violation 2:**

- a) Mid-America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not provide cross-bracing as recommended by the manufacturer.

- b) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not take into consideration the soil conditions at the location.
- c) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not designate a competent person.
  - A \$21,000 penalty has been assessed.

**Knowing Violation 3:**

- a) Mid-America Sound did not have current engineering calculations, design notes, and test results for the structure constructed at the 2011 Hoosier Lottery grandstand.
- b) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not have adequate knowledge of the engineering documentation pertaining to the construction of the 2011 structure.
- c) Mid America Sound, contracted to construct the Load Bearing Roof Structure on the 2011 Hoosier Lottery Grandstand stage, did not take into full consideration weights of all equipment including but not limited to follow-spot chair, temporary personnel occupancy and reactions from fall protection systems pertaining to the 2011 structure.
  - A \$21,000 penalty has been assessed.

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- Total penalties assessed: \$63,000.
  - Abatement is required on all violations no later than 03/06/2012.
  - The maximum allowable penalty under Indiana law for a Knowing violation is \$70,000.
  - Mid-America Sound Corporation was notified of the findings of this investigation prior to the media briefing.

**Additional Resources:**

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- Online media kit (safety order, news release, fact sheets)  
[www.dol.in.gov/2367.htm](http://www.dol.in.gov/2367.htm)