



Executive Summary -Worksite Assessment Team Reports
City Center and Cosmopolitan Construction Projects,
Las Vegas, Nevada
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Executive Summary

CPWR-The Center for Construction Research and Training (CPWR) conducted a safety and health worksite assessment of the City Center and Cosmopolitan Construction projects as part of a negotiated Memorandum of Understanding (MOU) between Perini Building Corporation and the Southern Nevada Building Trades Council. After an initial site visit in June 2008, CPWR's Worksite Assessment Team determined that the assessment would address the following six components:

- 1) A fall hazard identification and control audit of two randomly selected buildings (Aria and Mandarin);
- 2) An assessment of the safety climate on the sites through a safety climate survey that included workers, foremen, superintendents and top management executives;
- 3) Observations and Recommendations on Perini's Safety Orientation Training Program;
- 4) Observations and Recommendations on Perini's safety staff interactions with personnel on the site regarding jobsite safety practices;
- 5) Observations and Recommendation on Perini's safety management programs; and
- 6) Observations and Recommendations based on face-to-face interviews with selected personnel on both City Center and Cosmopolitan projects;

The findings of each of the six areas assessed were presented to Perini Building Co. and the Southern Nevada Building Trades Council in four separate reports:

- * The first report provided results from a Fall Hazard Identification and Control Audit conducted in August 2008 and was provided to Perini and the Southern Nevada Building Trades Council (*September 2008*).
- * The second report offered preliminary analysis of the safety climate survey data on workers' perceptions about Perini's safety program, their employers and their individual views about safety on the site (*October 2008*).
- * The third report included an evaluation of the safety orientation training program, feedback on Perini safety program and materials, observations based on accompanying Perini safety staff on-site, and face-to-face interviews with selected workers (*November 2008*).
- * The final report includes results from the safety climate survey which covers: workers, foremen, superintendents, and top management executives (*January 2009*). Conclusions and recommendations provided in each of the reports are summarized below.

Report 1: Fall Hazard Identification and Control Audit Report

Fall-Safe Audit Tool Report

The Fall-Safe audit tool designed by CPWR collaborators at the University of West Virginia was used as both a data collection tool for research as well as a feedback reporting mechanism for the contractors for continuous improvement. The report is organized by Location (named by the auditor), Exposure category, Intervention category, and the list of related OSHA regulatory questions relating to that specific intervention..

Mandarin Building – Summary of Fall Hazards and Controls

The fall hazards identified in the Mandarin building audit, especially worker behavior created hazards, were starkly different than in the Aria building. Employee use of ladders on the Mandarin site was nearly perfect, and the hazards identified were not as serious. This site also had many more holes than the

The areas of emphasis recommended based on the audit conducted would be in the areas of ladder safety and proper guardrail installation, maintenance and awareness.

The Site Summary Score of 73.32% would be considered a barely acceptable score if this contractor were part of the Fall-Safe program. The minimum acceptable score to stay a

