



NAC Position Paper No. 3, May 1, 2006

S A F E T Y

The Zero Injury Concept is founded on Construction Industry Institute Research.

Through these Position Papers on Safety, The National Academy of Construction (NAC) recommends American Business investigate the research of the Construction Industry Institute (CII) into how increasing numbers of employers are able to achieve a million work hours and more without an OSHA Recordable injury. NAC Safety Paper No. 1 emphasized how proactive attitudes about safety by both management and workers can dramatically reduce injuries; Safety Paper No. 2 illustrated how one company by putting these CII research findings into practice achieved 4,649,000 continuous work hours without a recordable injury.

During the calendar year of 2004 the member companies of CII worked over one billion work-hours with an average OSHA total recordable injury incident rate of 0.88; seven times better than the OSHA/BLS National Average of 6.40. These companies are proving the CII research findings do work. Many ask the question of "What are the key ingredients of a zero injury safety initiative?"

This third NAC Safety Paper lists the major categories of safety leadership found by CII to contribute to a zero injury result and again recommends that American Industry investigate these safety breakthroughs.

These are as follows: details of each category will follow in later position papers by NAC.

- Demonstrated management safety commitment
- Staffing for safety
- Safe work planning; pre-project and pre-task
- Safety education; orientation and specialized training
- Employee involvement; behavior safety and safety perception surveys
- Evaluation and recognition of safety performance
- Contractor selection and management
- Accident/incident investigation; including near misses
- Drug and alcohol testing

Information and details on this increasingly popular safety management concept are available from the NAC and the Construction Industry Institute at:

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<http://www.construction-institute.org/>

The NAC is an organization of leaders from Industry, construction, the military and academia formed as a knowledge base of American competence in the construction of capital facilities.

NAC position papers are created from the experience base of NAC membership and are offered to American business and government leaders as answers to challenges facing American enterprise. NAC position papers are issued after review and consent by a majority of the current members.