

# Zurich Hazard Analysis

The Zurich Hazard Analysis (ZHA) approach uses your in-house expertise to systematically identify and manage key hazards. We then work with you to develop tailor-made risk improvement measures to help reduce those hazards.

## The challenge

On average, two construction workers were killed on the job every day during 2012.<sup>1</sup> Many of these deaths could have been prevented had an analytical approach to hazard identification been used. While there are numerous methods for cataloging and identifying hazards, many of them rely on the contractor to follow a regimented system that does not take into consideration the uniqueness inherent to construction projects.

## Our solution

ZHA offers contractors a practical way to identify and evaluate risks across their entire organization. Designed specifically for the construction industry, ZHA can be applied in a variety of strategic and tactical situations.

ZHA relies on the expertise of those most knowledgeable about the project, phase or process being analyzed: your in-house personnel. Led by a Zurich risk engineering consultant, these individuals help identify the key risks, determine the probability and severity of each, and then decide what the acceptable level of risk is for your unique business model. Based on this analysis, improvement actions are developed to help eliminate, reduce or manage anything above the risk tolerance boundary.

Our ZHA process is simple, straight-forward and requires only minimal training. It often takes less time than other hazard analysis tools, because it focuses on the risks you have identified as being outside your tolerance boundary. It is also versatile in that it can be used during any phase of a design, process or project activity.

**To learn more about Zurich Hazard Analysis, please contact your risk engineering account coordinator.**

<sup>1</sup> Occupational Safety and Health Administration, "Commonly Used Statistics," 2012

## Zurich

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