

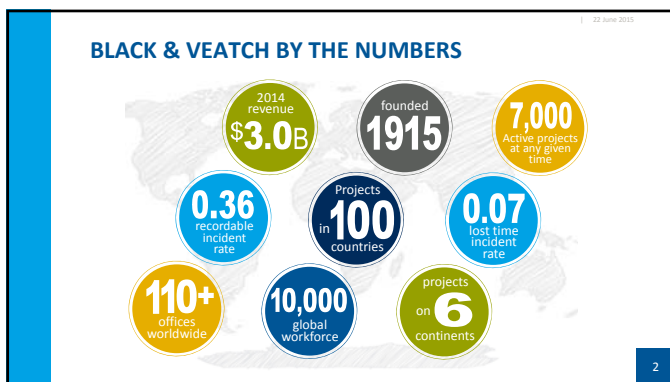
**BUILDING A
WORLD OF
DIFFERENCE**

30 August 2016

**A PRACTICAL APPLICATION OF RISK
ASSESSMENT IN CONSTRUCTION**

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CHMM
GLOBAL ESH&S MANAGER

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WHAT IS A RISK ASSESSMENT?

A systematic process of evaluating the potential risks that may be involved in a projected activity or undertaking.

What are some examples of risk assessments?

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AGENDA

Traditional
Bidding
Location
Driving

4

TRADITIONAL: JOB HAZARD ANALYSIS

5

IMPORTANT ELEMENTS TO THE HAZARD ANALYSIS

- Steps in the task being performed
- Potential exposures or hazards
- Mitigating actions

Hazard analysis is always a three step process

6

TYPES OF HAZARD ASSESSMENT

- Job Hazard Analysis
 - Construction
 - Site Safety Plan
- Pre-planning checklist
 - AE services
 - No site safety plan

The same three steps apply regardless of the application

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RISK ASSESSMENT DURING BIDDING

8

START THE RISK ASSESSMENT EARLY

- Request for proposal
- Pre-qualify contractors

9

PRE-QUALIFY CONTRACTORS

5 August 2016

Safety program

EMR

Violations


Contractors will conduct their own hazard assessment so they have to understand the process

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LOCATION RISK ASSESSMENT

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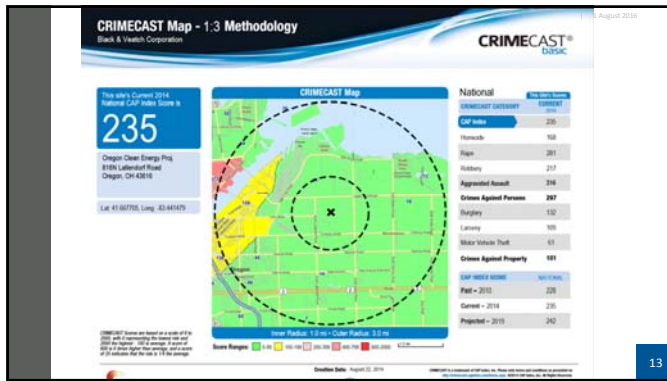
WHERE IS THE WORK GOING TO BE PERFORMED?

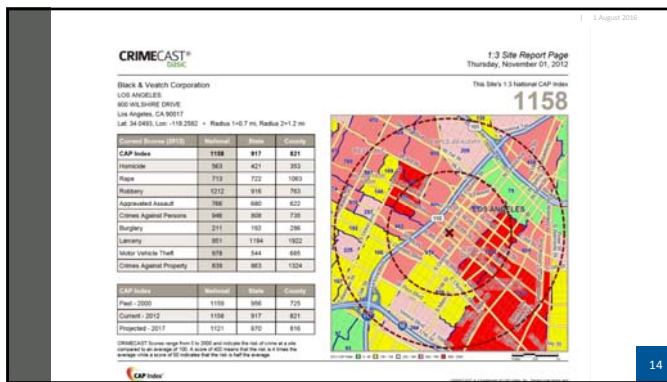


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- Will the professionals be safe?
- Will the equipment be safe?
- Will that change during the course of work?

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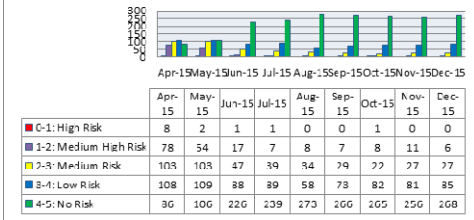




RISK ASSESSMENT FOR DRIVING

DRIVERS SAFETY SCORECARD AND ACCIDENT STATISTICS

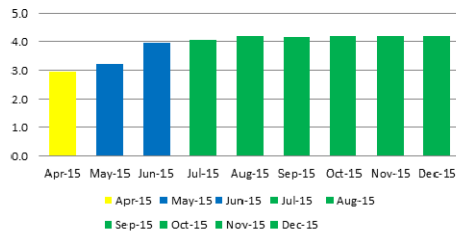
Avg Monthly Drivers Safety Score by Risk



16

DRIVERS SAFETY SCORECARD AND ACCIDENT STATISTICS

Avg Score by Month



17

DRIVERS SAFETY SCORECARD AND ACCIDENT STATISTICS

Accidents 2015



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REVIEW

Different types of Risk Assessment
Start early
Change as needed

19

HAVE AN INCREDIBLE DAY!



20

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