Mandate

- The FCIA's mission is for member organizations to be recognized throughout the construction industry as preferred quality contractors of life safety fire-stop systems.
FCIA VISION

FCIA's goals have been - and continue to be - focused on building reliability of Firestop Systems through the DIIM of Firestopping™. Proper Design, Installation, Inspection, Maintenance and Management of Firestop Systems means reliability, and DIIM™ gets it done.

(Is “Safety” part of DIIM?)
DUE DILIGENCE ON THE JOB?

- DOES YOUR SAFETY POLICY PROVIDE EVIDENCE OF YOUR INDIVIDUAL STEPS (OR YOUR COMPANY’S EFFORTS) IN ESTABLISHING & IMPLEMENTING YOUR POLICIES? (DUE DILIGENCE)
WORKPLACE DUE DILIGENCE

The Standard....

- Taking *every reasonable precaution in the circumstances* to prevent an injury or illness from occurring.

The Process....

- **Establishing, implementing, evaluating and improving** safety standards of care *to ensure the well being of all workers and members of the public is protected.*
EMPLOYER RESPONSIBILITIES

Under the OSH law (US), employers have a responsibility to provide a safe workplace.

- Establish or update operating procedures and communicate them so that employees follow safety and health requirements.

- Employers must provide safety training in a language and vocabulary workers can understand.

EMPLOYER RESPONSIBILITIES

Under the OSH law (US), employers have a responsibility to provide a safe workplace.

- Many states have requirements or voluntary guidelines for workplace **Injury and Illness Prevention Programs** and are based on a common set of key elements.

- These include: management leadership, worker participation, hazard identification, hazard prevention and control, education and training, and program evaluation and improvement.

SAFETY POLICIES

WHAT DO WE NEED TO CONSIDER?

- Involve workers in this process. They do the work!
- What do you expect from your safety program?
- What safety info do you need to communicate to workers?
- What do you need to prove? (If something goes wrong)
- What are the hazards? (Most hazardous to least)
- Do you have written SOP’s that outline safety steps?
- Do you have emergency response policies?
- Are you ready for a disaster?

www.safetyway.com - 416-891-7120
WHAT IF SOMETHING GOES WRONG?

Uptown Theatre Toronto – 2003 (1 Fatal – 12 injured – all public)
SAFETY POLICIES (MUST HAVES)

- ESTABLISHING YOUR SYSTEM (POLICY)
  - MESSAGE FROM PRESIDENT ON SAFETY (HEALTH & ENVIRONMENTAL)
  - DUTIES OF MGMT. SUPERVISORS AND WORKERS FOR SAFETY
  - COMPANY SAFETY EXPECTATIONS (RULES)
  - HAZARD AWARENESS, CONTROL, REPORTING METHODS
  - OCCUPATIONAL HEALTH ISSUES AND STANDARDS (AIRBORNE PARTICULATES)
  - SAFE WORK / JOB PROCEDURES (SCAFFOLDS) & PERSONAL PROTECTIVE EQUIPMENT (PPE)
  - WORKPLACE SAFETY AUDITS
  - TRAINING & COMMUNICATIONS
  - EMERGENCY RESPONSE, ACCIDENT REPORTING, 1ST AID & INVESTIGATIONS
  - WORKPLACE VIOLENCE, HARRASSMENT
  - WORKER JOB REINTEGRATION AFTER ACCIDENT

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SAFETY POLICIES

IMPLEMENTING YOUR SYSTEM

- EVERY DOCUMENT YOU PRODUCE FOR SAFETY MUST BE KNOWN.
- COMMUNICATE PROCEDURES TO WORKERS & RECORD WHO WAS AT THE TRAINING WITH PRINTED NAME AND SIGNATURE ON TRAINING ROSTER.
- COLLECT AND ARCHIVE COMPLETED SAFETY DOCUMENTS / ROSTERS.
- TRAIN WORKERS ON HAZARDS CONTROL. MOST HAZARDOUS TO LEAST.
- TRAIN WORKERS IN EACH SOP SAFETY PRECAUTIONS.
- TRAIN WORKERS IN THEIR ROLES DURING AN EMERGENCY. PRACTICE.
- ESTABLISH WHO INVESTIGATES, WHO TALKS, LAWYERS TO CALL ETC.
SAFETY POLICIES

- **MONITORING YOUR SYSTEM**
  - WHO MONITORS THE PROGRAM? IN-HOUSE SUPERVISION VS SAFETY PRO?
  - WHAT **ZERO TOLERANCE** POLICIES ARE IN PLACE?
  - WHAT ARE THE CONSEQUENCES OF VIOLATION? (IF SOMETHING GOES WRONG)
  - DOCUMENT EVERY TIME YOU CORRECT OR DISCIPLINE FOR SAFETY.
  - REVISIT SAFETY SOP/PROCEDURES THAT AREN’T WORKING.
  - HAVE THE **BEST EMERGENCY RESPONSE PLAN** POSSIBLE. IT MATTERS.
  - IF A DISASTER HAPPENS STAY CALM AND GO STEP BY STEP.
SAFETY POLICIES

DISCIPLINING FOR SAFETY VIOLATIONS

- DID THE VIOLATION INVOLVE A KNOWN POLICY
- IS THE POLICY SOUND OR DOES THE PROCEDURE NEED WORK?
- WAS IT A **ZERO TOLERANCE** POLICY VIOLATION?
- WAS THIS THE WORKER'S FIRST OFFENCE?
- CAN YOU TEACH FIRST AND STILL RECORD VIOLATION?
- **REMEMBER DISCIPLINE IS CORRECTIVE NOT PUNITIVE.**
- PUT IT IN WRITING AND HAVE THE WORKER AND SUPERVISOR SIGN / DATE

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WHAT IF SOMETHING GOES WRONG?

25 YR Old worker hit by 25-40kg block of ice on Preston Street (Ottawa) site. Workers expressed concerns about possibility of ice falling.

By Kristy Nease, Judy Trinh, CBC News

Posted: Mar 23, 2016 7:49 AM ET Last Updated: Mar 23, 2016 8:12 PM
EMERGENCY RESPONSE

- **CALL 911.** PROTECT INJURED / DECEASED. ROPE OFF/PROTECT AREA.
- CALL SENIOR MGMT. CALL REQUIRED GOV AGENCIES.
- IMPLEMENT YOUR PLAN. DO NOT DISTURB ANYTHING ON SCENE.
- ONLY AFTER PERMITTED, START YOU INVESTIGATION. KEEP TIMELINE
- GET NAMES, DETAILS OF EVERY RESPONDER AND WITNESS.
- KEEP ALL EVIDENCE SEPARATE. PICTURES OF ALL EVIDENCE.
- TAKE 4 PICTURES FROM EVERY ANGLE POSSIBLE. RECORD EVERY DETAIL
- GET NAMES, ADDRESSES, PHONE FROM EYE WITNESSES
- INTERVIEW WITNESSES SEPARATELY. START FROM BEGINNING OF DAY
- GATHER TRAINING RECORDS FOR EVERYONE INVOLVED.
- GET MAKE, MODEL, SERIAL NUMBERS, LICENCES OF ALL EQUIPMENT
- FOLLOW UP FREQUENTLY WITH STATUS OF INJURED
- COORDINATE ACTIONS WITH POLICE FOR FATALITIES.
A Toronto project manager has been sentenced to 3.5 years in prison (per count to be served concurrently) in a deadly scaffolding collapse that claimed the lives of four members of his construction crew on December 24, 2009.

The Project Manager was found guilty in June 2015 of four counts of criminal negligence causing death and one count of criminal negligence causing bodily harm and was sentenced in January 2016.
When Workplace Due Diligence Is IGNORED

A building owner and four others were arrested on Feb. 11, 2016 in New York City on manslaughter, negligent homicide and other charges in connection with a gas explosion last year that killed two people and leveled three Manhattan buildings. The buildings were under construction renovations at the time. A worker and a diner in a restaurant died.
Barriers to Safety Success

- No safety systems in place
- No safety training for management, supervisors or workers
- Safety program (available) but not implemented
- Safety Program exists but not monitored or evaluated
- Safety Program exists but not updated or improved
- No ongoing leadership from management
- The belief that safety is a cost -- not a profit centre.
- Culture of Discretion
“Culture of Discretion"

- SPACE SHUTTLE COLUMBIA ACCIDENT - February 1, 2003
- "For both accidents (Challenger/Columbia) there were moments when management definitions of risk might have been reversed were it not for the many missing signals -- an absence of trend analysis, imagery data not obtained, concerns not voiced, information overlooked or dropped from briefings," the report says.

- “The NASA organizational culture had as much to do with this accident as the foam." As board member U.S. Air Force Maj. Gen. John Barry told reporters after release of the report "there is still evidence of a silent safety program with echoes of Challenger."

- Board members also found that lessons NASA learned in the aftermath of the Challenger disaster have to a large degree been forgotten or ignored during the years since.

See more at: http://www.space.com/19476-space-shuttle-columbia-disaster-oversight.html#sthash.1VLhutwY.dpuf
“Culture of Discretion"

- If you decide **when** to comply with OH&S laws and **how** you will comply; you have a "**culture of discretion**"

- Employers must understand that in the absence of enforcing your safety policy on a routine daily basis - it will be of little use to your managers, workers or your company. (Especially for litigation)
SUPERVISOR COMPETENCE

“Competent Person” (In Ontario, Canada) means a person who,

(a) is qualified because of knowledge, training and experience to organize the work and its performance,

(b) is familiar with the Act and the regulations that apply to the work, and

(c) has knowledge of any potential or actual danger to health or safety in the workplace;

(USA laws dictate very similar standards - DRI)
WORKING FROM ELEVATIONS

- Falls in construction workplaces throughout most North American jurisdictions continue to claim the most lives every year. (Not including occupational disease claims)

- Some equipment common to construction and the fireproofing industry are scaffolds & power elevating work platforms.
Scaffolds and Aerial Lift Laws

QUESTION?

PRIOR TO USING A SCAFFOLD OR AN AERIAL LIFT, WHAT SAFETY PRECAUTIONS SHOULD BE TAKEN?
General Scaffold Components
Scaffolds and Aerial Lift Laws

- Part Number: 1926 • Part Title: Safety and Health Regulations for Construction • Subpart: L • Subpart Title: Scaffolds • Standard Number: 1926.451 • Title: General requirements. • GPO Source: e-CFR

- Part Number: 1926 • Part Title: Safety and Health Regulations for Construction • Subpart: L • Subpart Title: Scaffolds • Standard Number: 1926.453 • Title: Aerial lifts. • GPO Source: e-CFR 1926.453(a)
Preplanning Scaffold Use (General)

- Are all components available, fully inspected and verified to be in good condition and free of defects, deflections or damage?
- Will scaffold erection and dismantling be done under the Supervision of a competent person?
- Are ground conditions good and capable of supporting all loads applied?
- Has the total platform load capacity been established and communicated?
- Are workers trained in work from heights / scaffolds?
- Do they have the required PPE?
- Are written inspections completed prior to every use?
- Is the platform and system level and ready for use?
- Is there a separate secured means of access and egress?
Damaged Ground / Vault Covers
Tragedy Takes an Instant

@Douglas680NEWS @680NEWS
Taking Care of Business

- **TRAIN** your workers and supervisors
- **COACH** & mentor everyone to work safely
- **DOCUMENT** your OH&S efforts as frequently as possible
- **DEMAND** OH&S compliance from employees & subcontractors
- **BUDGET** for OH&S training, implementation & inspections
- **SEEK** out safety professional’s expertise (**TICKNER**)
- **DISCIPLINE** (educate) anyone who violates your OH&S standards
A Safety Reminder.....

Safety doesn’t just happen
It needs to be managed by competent people
Your talent and ability will make a difference
The example you set could save a life!
Thank you for participating