



YKF Construction Safety and Security Presentation

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Region of Waterloo International Airport (YKF)

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CONSTRUCTION SAFETY & SECURITY



Construction Safety & Security is the proactive culture of incident prevention at construction sites on Airport property.



CONSTRUCTION SITE AWARENESS



It is important to know your
SAFETY & SECURITY role
when observing or working in
CONSTRUCTION SITES, including
RESTRICTED and NON-RESTRICTED
Areas of the Airport.

CONSTRUCTION SAFETY & SECURITY (2)

To prevent incidents on the Airside, Grounds, and Terminal Buildings; construction worksites have been identified to delineate potentially hazardous areas through the use of:

- * Signage
- * Markings
- * Barricades
- * Fences



- * Lighting
- * Locks and other means of Access Control

WHAT ARE “TOOLS OF THE TRADE?”

Construction workers use a variety of tools to complete their job tasks while on Airport Property, including Restricted and Non-Restricted Areas of the Airport:

- * Ladders
- * Jackhammers
- * Lift Equipment



- * Scaffolds
- * Hand Tools
- * Electric Tools



USE OF “TOOLS OF THE TRADE”

“Tools of the Trade” are appropriate for **AUTHORIZED PERSONNEL** to perform the approved work in **Construction Sites** within the **Restricted and Non-Restricted Areas** at the Airport



USE OF “TOOLS OF THE TRADE” (2)

“Tools of the Trade” are **not appropriate** for the use of **unauthorized personnel** because it **poses a risk** to Airport Safety & Security



“AUTHORIZED PERSONNEL”

Authorized Personnel working in Construction Sites
within the **Restricted Area** should be:

- * Wearing their **Temporary Non-Picture Airport Pass**
- * Accompanied by an escort **AT ALL TIMES**
- * Both the accompanied worker(s) and escort are **ALWAYS TOGETHER**, never separated



“AUTHORIZED PERSONNEL” (2)

Authorized Personnel working in Construction Sites within the **Restricted Area** exhibit the following behaviors:

- * Workers **wear their Airport Pass** so that it is visibly displayed at all times
- * Workers wearing their Temporary Non-Picture Airport Pass are **accompanied by an escort at all time**
- * Both the accompanied worker(s) and escort are **always together**, never separated



MONITORING “TOOLS OF THE TRADE”

In Construction zones, workers should:

- * Always be in sight of their tools
- * Continually monitor and control their tools



SECURING “TOOLS OF THE TRADE”



In Airport Construction Zones, workers should:

- * Never leave their tools unattended!
- * Never leave the worksite unsecured!

SECURING “TOOLS OF THE TRADE” (2)

In Airport Construction areas, workers should:

- * **LOCK and SECURE** worksites before leaving the area for breaks and at the end of the day
- * Secure Ladders, Lift Equipment, and other objects **AWAY FROM** security fences and barriers



SECURING “TOOLS OF THE TRADE” (3)

In Airport Construction areas, workers should:

- * Actively secure their tools in job boxes
- * Lock up job boxes before leaving the area for breaks and at the end of the day



CONSTRUCTION SAFETY & SECURITY

In Airport Construction areas,
Construction Escorts should :

- * Advise authorized personnel the locations of security fences and barriers at the worksite



SITE SPECIFIC PPE

Many jobs require PPE. In designated Airport Construction job sites, a SIGN is posted indicating the required PPE to be used.

- * Eye Protection
- * Hearing Protection
- * Head Protection



- * Hand & Finger Protection
- * Foot Protection

HEAD PROTECTION

In Construction zones, hard hats are worn because of the potential for head injury.



Situations that could cause injury when working:

- * Below other workers or machinery
- * Around or under conveyor belts
- * Around exposed energized conductors
- * Where there may be overhead obstructions



HEAD PROTECTION (2)

In Construction areas, hard hats are worn when there is a POTENTIAL for:

- Falling objects
- Bumps to the head from fixed objects
- Accidental contact with electrical hazards



FOOT PROTECTION

- Safety-toed footwear is worn to prevent crushed toes when working around heavy equipment or potential falling objects
- Safety footwear must be CSA certified (green patch)
- Safety boots also provide protection from stepping on sharp objects
- Safety boots provide some di-electric protection



FOOT PROTECTION (2)

- Depending upon the requirements of the environment and type of work, wear slip-resistant safety shoes or boots to prevent slipping!
- Inclement weather can create slipping hazards, so be safety conscious when choosing footwear.



ADDITIONAL PPE

Designated Airport Construction job sites include a **SIGN** indicating the required PPE to be used.

- Hearing Protection



- Eye & Face Protection



REMINDER: General Safety Reporting Methods

Airport Emergencies: 519-648-3370

Airport Non-Emergencies (Security): 519-648-2257



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