

YKF Construction Safety and Security Presentation

Prepared by:

Region of Waterloo International Airport (YKF)

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!

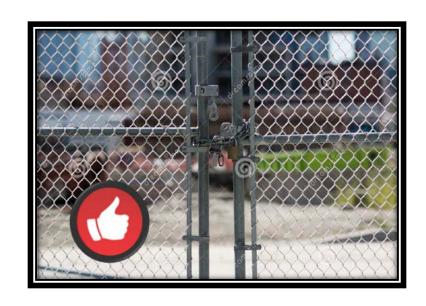




SECURING "TOOLS OF THE TRADE" (2)

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 slipresistant 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







Jeff Caswell

Supervisor, Regulatory Affairs and Administration 519.648.2256 ext. 8512 jcaswell@regionofwaterloo.ca







@FlyYKF