

PPLCC19 SQA Unit Code (H9FJ 04)

Recognise airside hazards and minimise risks



Overview

This unit is about working safely in an airport environment. You must be able to understand the possible risks throughout the airport including the ramp area. You must be able to understand your own personal responsibilities in maintaining a safe environment.

This unit consists of two elements:

1. Recognise hazards and associated risks
2. Work safely on the ramp area ensuring your own safety and that of others

This unit is for everyone who works in an airport environment regardless of specific job. It is suitable for people who work in ground handling and airport roles and also for those such as cabin and flight deck crew who use the airport and need to be aware of health and safety issues.

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Performance criteria

You must be able to:

Recognise hazards and associated risks

- P1 identify your organisation's procedures covering health and safety and explain how it affects you
- P2 identify the consequences of not operating safely in an airport environment
- P3 identify the main causes of accidents in an airport
- P4 understand the possible costs of not following airport and ramp safety
- P5 report incidents in line with your organisation's procedures

You must be able to:

Work safely on the ramp area ensuring your own safety and that of others

- P6 identify the hazards associated with the ramp
- P7 explain stand layout markings and the importance of each one
- P8 explain how you can keep yourself and others (including passengers) safe
- P9 explain how hazards can be prevented
- P10 identify what to do to deal with any hazards that occur

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Knowledge and understanding

You need to know and understand:

Recognise hazards and associated risks

- K1 your organisation's rules – owners can introduce rules such as parking and speeding
- K2 the benefits of working safely: including to yourself, other people (passengers and colleagues), equipment, the airport, other companies and other people
- K3 common causes of accidents and the main things that can go wrong, e.g. slips, trips, being run over
- K4 hazardous materials and procedures for using them and dealing with incidents involving them
- K5 procedures for reporting incidents, for example injuries, aircraft damage and spillages
- K6 the importance of staying alert and following safety rules
- K7 you should be aware of legislation covering aviation which means that your employer has the duty to provide a safe working environment and you have a duty to follow your employers safety rules
- K8 the effects of severe weather (wind, snow, heat, sun and ice) and precautions to take

You need to know and understand:

Work safely on the ramp area ensuring your own safety and that of others

- K9 where the ramp area is: the surface area from the building to the rear of the aircraft stands including the apron
- K10 dangers from aircraft: e.g. jet blast, ingestion, being hit, excessive noise, propellers, rotors, downdraft
- K11 approaching aircraft: e.g. check that it is chocked; check that anti-collision lights are off; are rotors stationary
- K12 dangers from vehicles other than aircraft: you may not hear vehicles approaching (e.g. if you are wearing ear defenders or electric vehicles which operate quietly)
- K13 airport surface markings e.g. service roads, equipment parking areas, no parking areas, interstand clearways, demarcation between aircraft parking stands, live taxiways, helicopter landing hotspots, areas where people are allowed and are not allowed to walk including pedestrian walkways
- K14 operating areas for aircraft, vehicles and pedestrians
- K15 personal protective equipment and when to wear it including: ear protection, high visibility clothing, other personal protective equipment
- K16 dangers from foreign object debris (FOD) and the importance of keeping areas clean and tidy at all times
- K17 dangers from birds and other wild animals and the importance of making

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- sure that that the area does not attract them
- K18 the effects of severe weather (wind, snow, heat, sun and ice) and precautions to take
- K19 emergency areas such as fire assembly points and areas for emergency response vehicles
- K20 how to use equipment and vehicles: equipment should be used only where training has been completed; vehicles should be driven only where a driving permit is held

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Additional Information

Glossary

AOA

Airport Operators' Association

FOD

Foreign Object Debris

Links to other NOS

This unit is based on the programme developed by the AOA Health and Safety Working Group

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Developed by People 1st

Version number 1

Date approved March 2009

Indicative review date March 2013

Validity Current

Status Original

Originating organisation GoSkills

Original URN GSKCC19

Relevant occupations Transportation operations and maintenance; Transport Drivers and Operatives

Suite Aviation Operations in the Air - Cabin Crew

Key words cabin crew, airlines, hazards, risks, airport, ramp
