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.
PPLCC19 SQA Unit Code (H9FJ 04)
Recognise airside hazards and minimise risks

Performance criteria

**Recognise hazards and associated risks**

*You must be able to:*

**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
Recognise airside hazards and minimise risks

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

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
PPLCC19 SQA Unit Code (H9FJ 04)
Recognise airside hazards and minimise risks

sure 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
Recognise airside hazards and minimise risks

Additional Information

**Glossary**

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOA</td>
<td>Airport Operators' Association</td>
</tr>
<tr>
<td>FOD</td>
<td>Foreign Object Debris</td>
</tr>
</tbody>
</table>

**Links to other NOS**

This unit is based on the programme developed by the AOA Health and Safety Working Group
Recognise airside hazards and minimise risks

<table>
<thead>
<tr>
<th>Developed by</th>
<th>People 1st</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version number</td>
<td>1</td>
</tr>
<tr>
<td>Date approved</td>
<td>March 2009</td>
</tr>
<tr>
<td>Indicative review date</td>
<td>March 2013</td>
</tr>
<tr>
<td>Validity</td>
<td>Current</td>
</tr>
<tr>
<td>Status</td>
<td>Original</td>
</tr>
<tr>
<td>Originating organisation</td>
<td>GoSkills</td>
</tr>
<tr>
<td>Original URN</td>
<td>GSKCC19</td>
</tr>
<tr>
<td>Relevant occupations</td>
<td>Transportation operations and maintenance; Transport Drivers and Operatives</td>
</tr>
<tr>
<td>Suite</td>
<td>Aviation Operations in the Air - Cabin Crew</td>
</tr>
<tr>
<td>Key words</td>
<td>cabin crew, airlines, hazards, risks, airport, ramp</td>
</tr>
</tbody>
</table>