



## Apron Safety Management

### *Overview*

Aprons are often the most congested and busiest areas of an airport. They are home to demanding and complex activities that are carried out under severe space and time constraints.

This course provides guidance that brings together the best elements of managing apron safety from the experience of airport operators around the world.

It provides aerodrome operators with a comprehensive set of guidelines to enhance safety, improve operations and to prevent or reduce accidents, incidents and occurrences on the apron.

The course focuses on promoting safety in four key areas:

- Apron Safety
- Apron Planning and Design
- Apron Operations
- Apron Maintenance and Construction

### *Objectives*

Upon completion of this course participants will be able to:

- Identify hazard handling measures to ensure health and safety of staff working airside
- Explain the actions involved in aftermath of accidents, incidents and occurrence on the apron
- Understand Stakeholder Agreements requirements
- Describe safety considerations involved in apron planning and design
- Describe vehicle operations and driving regulations
- Explain airside driver training program framework
- Describe key risks associated with aircraft operations including mitigation techniques
- Describe services associated with aircraft ground handling while on the apron
- Identify major hazards presented by adverse weather conditions on apron operations and their corresponding responsive measures
- Describe functions relating to Rescue and Fire Fighting services attending ground emergencies on the apron
- Describe the basic approach of airport infrastructure maintenance
- Explain the key elements of apron construction management



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## *Course Content*

This course is organised into the following sections:

1. Welcome
2. Overview
3. Apron Safety
4. Apron Planning and Design
5. Vehicle Operations
6. Aircraft Operations and Fuelling
7. Apron Management
8. Ground Handling
9. Adverse Weather Operation
10. Rescue and Firefighting (RFF)
11. Apron Maintenance and Construction
12. Assessment
13. Resources