

Safety Management System Airport Duties in Ground Operations – 5 Days

Introduction

With the continuous growth in traffic, airports need to be flexible, scalable, and accommodating to facilitate development and to cope with organic growth. It is necessary for Aerodromes to have in place all necessary infrastructure to ensure efficient operations of all airport business processes and systems whilst delivering safety and security to the highest possible levels.

Based on compliance with ICAO Annex 14 and EU Regulation No. 139/2014 (Aerodromes) - relating to the Certification and Oversight of Aerodromes.

The course focuses on the Fundamental Requirements and Administrative Procedures related to Airport Ground Operations management development and oversight of Aerodromes.

Considering the oversight processes required to ensure effective Safety System Oversight as well as independent Quality Assurance.

The Course leans heavily on the need to ensure a risk-based approach to management and includes oversight activities and addresses the process whereby we will develop an integrated management system and supports a detailed understanding of the various challenges and solutions available.

Numerous examples are drawn to illustrate best practices.

It is necessary for stakeholders and other leaders to develop measurable strategic objectives and effective aerodrome planning requires attention to detail, together with a deep understanding of the daily obligations including the various challenges whilst maintaining focus on medium and long-term objectives.

Who is the course for?

It is for persons who are actively involved in Airport Ground Operations including Safety Management System and Quality Audit Staff, Nominated Persons, and business process owners, as well as anyone with an interest to achieve an effective understanding of the SMS Hazard Identification

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What is the Benefit of this Training – What will I learn?

- a) Fully Familiarize with Ground-Based Safety Management Objectives related to the Aerodrome Environment
- b) Understanding the principles of an ICAO Annex 14, EASA 139/2014 compliant management system including delivering an effective Quality Management System (QMS) and Safety Management System (SMS)
- c) Achieve a detailed understanding regarding the development, management, and oversight of the Aerodrome process and procedures
- d) Develop an understanding regarding how to Identify areas that need special attention and how to apply risk-based techniques to ensure the correct focus together with appropriate mitigations
- e) Be able to deliver an effective assessment to establish the effectiveness of an Integrated Quality & Safety System.

Detailed Content / Topics - The following Subjects will be addressed

Day 1

- Contents
- Introduction
- Definitions & Terms
- ICAO Annex 14 Regulatory Introduction
- EASA Commission Regulation (EU) No 139/2014 (Airports) Introduction
- Aerodrome Management Systems Requirements and Environmental Considerations
- Aerodrome management system process procedures and oversight
- Considering Airport Pavement Designs
- Aerodrome Pavement & Apron Considerations
- Aerodrome Lighting & Airside Markings

Day 2

- The Evolution of Safety Thinking
- Introducing Annex 19
- Aerodrome SMS Manual Considerations & Ground Operations Interface
- The Risk Management Process in a Safety Management System
- Understanding Hazards
- Root Cause Analyses Techniques
- Managing Risk Assessment
- Incident & Accident Investigation
- Event Interview & Analysis

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Day 3

- Ramp Safety Human Factors Introduction
- Human Factors & Safety Culture
- General Introduction – Ramp Safety
- Safety on the Ramp -What Can Happen & Why
- The Top 12 HF Precursors
- Error Models
- Landmark Incidents and Accidents
- Human Factor Related -Statistics
- Types of Violation
- Types of Errors and Strategies
- Human Performance and Limitations
- Fatigue Risk Management Systems

Day 4

- Introduction to Ramp Safety Wear PPE,
- Marshalling equipment, gloves, wands, etc
- Technical inspection of equipment
- Marshalling, risk assessment, and local procedures
- Why "FOD" Poses a Safety Hazard
- How are Airside & other FOD Generated?
- How to Control the FOD Problem & The Airport Role
- F.O.D. check, aircraft arrival Inspection
- Airport Ramp & Runway Debris Control
- Developing FOD Critical Control Area Procedures

Day 5

- Airside Compliance Monitoring oversight and objectives
- Airside Health & Safety
- Risk-based Safety Assurance Auditing
- Airside Safety Supervision Training & Competency;
- Aerodrome Emergency Plan AEP
- Addressing Emergency Situations
- Actions in the event of an Emergency
- Safety Risk Control & Mitigation Exercise
- Exam
- Debrief

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Target Groups

Aerodrome Management and Operational Staff, Safety Managers, Quality Managers, and Aerodrome Safety Personnel. Regulators and Airport SMS Stakeholders.

Pre-requisites

A background in an aviation airport environment together with a comprehensive understanding of the theory and practice of SMS processes and procedures will be an advantage.

Learning Objectives

- Understand the purpose and methodology of proactive SMS
- Understand the process by which an SMS should continue to develop within an Aerodrome Environment- Be able to develop an effective process for the continuing management of a fully compliant SMS
- Develop skills related to Communication
- Management and Supervision

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"The instructor demonstrated a very deep knowledge of the subject."
"The length of the course fits my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

5 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.
To register for this training, please email team@sassofia.com or Call +359 28210806

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