

ATSEP QUALIFICATION, SHARED

Air Traffic Safety Electronics Personnel



Course aim

The course is designed to impart domain-related knowledge and skills appropriate to the Shared qualification stream in accordance with the EUROCONTROL Specification for ATSEP Common Core Content.

Course objectives

After completion of the course, the student will have:

- Knowledge and understanding of the subjects described below (see Content in brief) in accordance with the EUROCONTROL Specifications for Air Traffic Safety Electronics Personnel Common Core Content Initial Training Annex 7.
- Knowledge and understanding of the importance of teamwork.

Course overview

The duration of the course is three days. The competency-based training is delivered by international professional instructors. The theory consists of individual topics covering various aspects of safety and human factors, supplemented by case studies.

Prerequisites

There are no prerequisites for the ATSEP Shared qualification course.

Compliance with regulations

The course is compliant with Commission Implementing Regulation (EU) 2017/373 Annex XIII, subpart A.

Content in brief

Safety (SHR-SAF)

SAFETY MANAGEMENT

Safety management principles and regulations. Risk policy and procedures. Risk assessment and risk analysis. Accident prevention. Safety assessment. Safety I and safety II principles. Safety thinking.

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Health and Safety (SHR-HAS)

HAZARD AWARENESS AND LEGAL RULES

An introduction to hazard awareness. Awareness of regulations and procedures for handling of hazardous material.

Human Factors (SHR-HUM)

INTRODUCTION TO HUMAN FACTORS

An introduction to the importance of human factors in the work of ATSEP staff. Introduction to the "just culture" thinking as well as the "no blame" culture. Awareness of the Swiss cheese model.

HUMAN ERROR

Explanation of classification of human errors into slips, mistakes, lapses and violations. The concept of violations and why they might occur. Rasmussen performance levels and the connection between level of knowledge and skills and types of human errors that might occur.

HUMAN PERFORMANCE

The human body and the basic needs of humans. Human limitations such as e.g. fatigue. Human information processing. Personal fitness. The differences between social human relations and professional interactions.

TEAMWORK

The importance of good teamwork. The reasons for lack of teamwork and low effectiveness. Preventing lack of teamwork and promoting good teamwork. Identifying reasons for conflict. Handling human conflict.

COMMUNICATION

The importance of good communication. Verbal and non-verbal communication including communication exercises. Factors that affect communication. The importance of preventing possible misunderstandings in communication between ATSEP and non-ATSEP staff.

STRESS

Stress in the work of ATSEP staff and understanding the danger of distractions. The short and long term effect of stress. Recognising the symptoms of stress in yourself and others. Stress relieving techniques. Awareness of the CISM program and the importance of critical incident stress management.

PROFESSIONAL CONDUCT

Discussion and awareness regarding professional conduct and approach to the work of ATSEP staff. The importance of maintaining and updating professional knowledge and skills.