



Ministry of Civil Aviation
Egyptian Aviation Academy

Course Name :

Baggage Handling System-BHS operation and maintenance

DESCRIPTION:

The baggage Handling System plays a very vital role in any airport to secure and sort passenger baggage to assigned destinations. A huge number of equipment, communications, and control systems are collaborating to achieve the final target of the baggage handling system.

About:

- BHS scope and concepts of operation
- BHS phases and target
- BHS equipment, controls, safety and communications.
- BHS Maintenance

Course format:

- Introduction and terminology

- System and sub system description
- Operations and controls
- Safety
- Hold Baggage screening
- Maintenance

What you will learn :

- BHS scope and concept of operation
- How to operate and maintain the BHS

Who should attend :

- Electrical and mechanical BHS maintenance engineers
- BHS management
- BHS team members

PREREQUISITES : participants should have prior knowledge of :

- Electrical and mechanical knowledge base

COURSE CONTENT :

- General system description
- System functions
- Standard Baggage characteristics
- Baggage identification
- Throughput rates and conditions
- Fallback (Redundancy) modes
- General safety aspects
- Global process description
- Functional Area Division
- Subsystems (PLC division)

- Data flow
- Check-In Area
- Handling of bags on Check-In desk
- Handling of bags on collector line
- Transfer Input Lines
- Merge Lines
- Screening
- Screening Concept
- Level ٢/١ Screening Lines
- Level ٣ Screening Area
- Sorter Feed Lines
- Sorters
- Laterals
- Early Bag Storage
- Manual Encoding Station Lines
- Out of Gauge
- Fire shutter
- Safety Functions
- System control
- Transportation control
- Technical errors
- Redundant mode
- Problem diagnoses and recovery procedures

DURATION : 32 hours / 8 Days

LEVEL : 1

LANGUAGE INSTRUCTION : English / Arabic

ACTIVITIES :

- Exercises .
- Final examination .