CATALOGUE OF TRAINING COURSES

DERICHEBOURG
AERONAUTICS TRAINING

CONTENTS

DERICHEBOURG
AERONAUTICS TRAINING

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FOREWORD

As a subsidiary of the DERICHEBOURG Group, we help companies optimise their safety organisation and develop the skills of their teams.

6 400 m2
site

1 500 m2
workshop

500 m2
classrooms

As a professional training organisation, we deliver training courses in compliance with regulatory and administrative requirements.

WE ARE ACCREDITED OR APPROVED BY

Qualiopi certification

Qualiopi processus certifié
RÉPUBLIQUE FRANÇAISE
La certification qualité a été délivrée au titre de la catégorie d'action suivante : ACTIONS DE FORMATION

Certified by Airbus Manufacturing Academy Toulouse

AIRBUS

Accredited by the INRS for training in lifesaving & first aid at work

inrs

Training organisation registered with the DIRECCTE

DIRECCTE

Approved by **ALIAGE** to deliver CQPM training courses

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TAILORED TRAINING SOLUTIONS

DERICHEBOURG aeronautics training offers customised training modules.

By analysing your needs and constraints, we can therefore tailor:

- Training programmes and duration
- Our trainers' teaching methods and support for trainees

Our network provides nationwide coverage, meaning that all our training courses can be delivered either on customer sites or at training centres.

DERICHEBOURG aeronautics training can help you with all your projects:

- Improving industrial performance
- Identifying and developing capabilities, helping your employees grow
- Certifying skills

If your training needs are specific to your organisation/ business, we can also offer à la carte programmes.
Prior preparation work with you will help us define the following for the target audiences:

- Your day-to-day environment
- The training goals
- The date and place of the course
- The training and facilitation arrangements
- The programmes and assessment methods

Our recommendations may lead to individual or group programmes, in your company or on DERICHEBOURG aeronautics training premises.

***À la carte* training means...**

- Programmes tailored to individual pace and ability
- Company constraints taken into account when planning, with the option of spreading the course over a longer period
- Optimised programme duration
- Training resources at the cutting edge of technological developments and employee autonomy achieved on completion of the course
- Reduced training costs

ON-THE-JOB TRAINING

Did you know?

We also offer training courses delivered directly in the workplace.

This enables us to:

- Train your teams while they remain at their workstations
- Take the constraints of your company and the working environment into account as far as possible, to ensure that training is tailored to your specific needs
- Reduce your training costs
- And enables you to continuously monitor the training

Don't hesitate to contact us for a quotation:

aero.training@derichebourg.com

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AERONAUTICAL TRAINING COURSES

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À LA CARTE TECHNICAL MODULES

Pre-training assessment

- We can assess and validate your employees' professional skills
- We will then offer you a personalised training programme based on the results of the various modules assessed

This test is essential for adapting and designing individual training courses based on the knowledge identified and to be acquired.

Some examples of *à la carte* training courses:

- Reading of drawings / Industrial drawing
- Lean approach
- Technical English for the aviation industry
- Wiring: electrical installation, bonding, fibre optics, Quadrax, Twinax, etc.
- Fitting: specific fasteners, sheet-metal work, great thicknesses, etc.
- Cabin: installation of parts, wallpaper hanging, metal inserts, NTF welding, Floorsil™, etc.
- Quality modules
- Aeronautical modules: FOD, Behaviour, Hosting on Airbus Toulouse sites, Confined spaces, Aeronautical electrical accreditations, etc.

We run introductory, advanced and expert courses. Our experienced trainers all have significant expertise and professional practice in their respective fields.

At the customer's request, we can run training courses in French, in France or abroad. For certain topics, our trainers can use English or Spanish.

SPECIFIC AERONAUTICAL MODULES

AERONAUTICAL WIRING:

- Installation and checking of fibre optics
- Installation and crimping of Quadrax wires and contacts
- Crimping of small and large cross-section aluminium wires
- Implementation and measurement of electrical bonding
- Installation and implementation of pressure seals
- Crimping of coaxial and Twinax contacts
- Implementation of torque tightening
- Continuity measurements
- Bonding and grounding measurements
- Implementation of Z and C connections

AIRCRAFT CABIN INTERIORS:

- Wallpaper hanging - Decor paper on monuments
- Installation of metal inserts on honeycomb panels
- NTF welding
- Application of Floorsil™ joints
- Completion of work instructions, guides and records
- Reading of drawings
- Aircraft seats
- Cabin: general overview
- Composites, techniques and materials

FITTING & ASSEMBLY:

- Industrial drawing and reading of drawings
- Fitting (machining and dimensioning) and tolerances/ adjustments
- Calculating size of unfolded sheets and 90-degree bending
- Structural assembly (method, best practice)
- Drilling, reaming and countersinking
- Installation and removal of hard rivets (crushed)
- Installation and removal of mechanical fasteners (screwed, crimped and pulled)
- PR type interposition sealant (use in aircraft structures)
- Tapping
- Torque tightening
- Locking mechanical assemblies
- Electrical bonding
- Corrosion

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INTRODUCTION TO AERONAUTICAL PROFESSIONS

GOALS

The content of this course is designed to give all trainees an understanding of the different professions in aircraft production.

On completion of the course, trainees will:

- Understand the world of aeronautics, its vocabulary and the different professions
- Understand the needs of aeronautical customers
- Be able to identify key skills and the most suitable training courses

Presentation of the different professions

- Aircraft fitter
- Aircraft wiring fitter (manufacturer and integrator)
- Aircraft cabin integrator
- Aircraft systems mechanic
- Aircraft quality controller and inspector
- Aircraft painter
- Design Office positions
- Technical support
- Logistics support
- Testing
- Maintenance professions

Tour of the technical training facilities, presentation of working conditions.

INTENDED FOR

- Anyone wishing to find out about the different professions in aircraft production

PREREQUISITES

- Ability to read and write in French

DURATION

- Up to 28 hours of training at the centre

ORGANISATIONAL ARRANGEMENTS

- Training provided at the DERICHEBOURG training centre, located at 3 rue Jules Védrines, 31400 TOULOUSE
- Maximum number: 12 trainees

MOYENS/ METHODES PEDAGOGIQUES

- The course is structured into modules presented in the form of slide shows, with commentary by the trainer
- Trainees will share and learn from each other's experiences through participatory presentations
- Videos will present the professions and Final Assembly Lines (FALs)
- At the end of the session, trainees will receive a training booklet summarising the main points of the course

AERONAUTICAL TRAINING COURSES

FITTING

DERICHEBOURG
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AIRCRAFT STRUCTURE FITTER

Professional Qualification in Metallurgy (CQPM) Level V

MQ 2000 04 31/44 0187

Aircraft structure fitters adjust and assemble aircraft structural parts or sub-assemblies (fuselage, aeroplane wing, helicopter or spacecraft structures) in accordance with drawings, instruction sheet specifications and tolerances. They work in production workshops or on assembly lines, generally pre-assembling the parts, checking them for defects and assembling them in a precise order. It is a high-precision job!

GOALS

The course aims to prepare trainees for the job of Fitter, defined through the various specialisations required for the Professional Qualification in Metallurgy (CQPM) «Aircraft Structure Fitter» - MQ 2000 0187, namely:

- Checking the supply of equipment, tools and components required for assembling mechanical parts
- Adjusting the span of a part on a structure according to one or more drawings
- Attaching and positioning the parts or sub-assemblies to be assembled
- Machining to remove material on a metal, composite and/or hybrid assembly
- Producing an assembly by riveting and fitting fasteners and/or by adhesive bonding
- Carrying out finishing and electrical bonding operations
- Applying interposition and/or sealant products
- Removing a part from a mechanical assembly
- Repairing dents and scratches and/or carrying out cosmetic repairs

INTENDED FOR

- This course is open to all

PREREQUISITES

- Candidates must be interested in manual professions in the aeronautical industry
- French: Equivalent level of competence to
- «Elementary A2» (CEFR Global scale of common proficiency ratings)
- Maths: Equivalent level of competence to «Cycle 3» according to the *Bulletin Officiel* of 26/11/2015

DURATION

- Up to 485 hours of training at the centre
- Practical course: 140 to 210 hours of hands-on application in the company (depending on scheduling)

DERICHEBOURG
AERONAUTICS TRAINING

AIRCRAFT FASTENERS: GENERAL OVERVIEW

GOALS

On completion of the course, trainees will:

- Be familiar with structural loads
- Recognise reaming operations according to structural loads
- Be familiar with general aspects relating to aircraft fasteners
- Be familiar with the geometric requirements for carrying out reaming and countersinking
- Know how to choose the correct fastener length
- Know how to use PLI washers
- Be familiar with how to assemble bushes using liquid nitrogen

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Loads
- Reaming operations according to structural loads
- Surface unevenness
- Deformation of fasteners
- Interchangeability
- Assembly orientation
- Codification of fasteners
- Choice of fastener
- Use of washers
- Oversizing

INTENDED FOR

- Any workers, inspectors or support staff required to fit or check mechanical fasteners on aeronautical parts

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 2 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AIRCRAFT FASTENERS

GOALS

On completion of the course, trainees will:

- Be familiar with structural loads
- Recognise reaming operations according to structural loads
- Be familiar with general aspects relating to aircraft fasteners
- Be familiar with the geometric requirements for carrying out reaming and countersinking
- Know how to choose the correct fastener length
- Know how to use washers (including PLI washers)
- Be familiar with how to assemble bushes using liquid nitrogen

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Traction bolts
- LGP / LGPL fasteners
- Hi-Lite Pull-Stem and Pull-In fasteners
- Taper-Lok fasteners
- Rivets and slugs
- Blind pull rivets
- Blind screw-on rivets
- Quick-release or captive fasteners

INTENDED FOR

- Tout compagnon, inspecteur ou métier support devant effectuer ou contrôler la pose de rivets et fixations mécaniques sur des éléments aéronautiques.

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions
- Any workers, inspectors or support staff who have taken the course on drilling and reaming

DURATION

- 5 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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DRILLING/REAMING

GOALS

On completion of the course, trainees will:

- Be familiar with the basic principles of drilling
- Be familiar with the specificities of drilling metallic materials
- Be familiar with the specificities of drilling composite materials

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check drilling on aeronautical components

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 7 hours spread over one working day
- Training takes place during the working day

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Drilling/reaming: general overview
- Drilling metallic materials: general overview
- Specific requirements for drilling composite materials
- Assembling bushes using liquid nitrogen
- Measurement tools

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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TORQUE TIGHTENING/LOCKING

GOALS

On completion of the course, trainees will:

- Understand the role of torque tightening
- Be familiar with the equipment available for tightening
- Know how to apply torque tightening
- Understand the role of locking
- Be familiar with the different types of locking

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- The role of torque tightening
- Tools used
- How to carry out torque tightening
- Finalisation of torque tightening
- The role of locking
- How to carry out locking; available procedures
- Other technical solutions

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check torque tightening and locking operations on aeronautical components

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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LES MASTICS

GOALS

On completion of the course, trainees will:

- Be familiar with the products that can be used and their areas of application
- Be familiar with the conditions of application
- Know how to find information on product codes, processes and diagram instructions
- Be familiar with the risks and means of protection used when applying sealants
- Know how to mix two-component cartridges
- Be familiar with the procedures for applying sealants
- Know how to dispose of waste

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Definition and areas of application
- Seants
- Mixing two-component sealants
- Use of sealants
- Health and safety

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check the application of sealant on aeronautical components

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
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NON-STRUCTURAL ADHESIVE BONDING AND BONDED SUBSTRATES

GOALS

On completion of the course, trainees will:

- Be familiar with non-structural adhesive bonds
- Be familiar with processes for assembling bonded substrates

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Non-structural adhesive bonds
- Processes for assembling bonded substrates

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check the installation of bonded substrates on aeronautical components

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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ANTI-CORROSION AND PAINT TOUCH-UPS

GOALS

On completion of the course, trainees will:

- Know how to map a defect
- Understand chemical conversion through chromating
- Be familiar with carrying out paint touch-ups

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check anti-corrosion and paint touch-ups on aeronautical components

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Patching
- Chemical conversion through chromating
- Application of corrosion preventive coating (CPC)
- Paint touch-ups
- Example of documentary research
- Health and safety

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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ELECTRICAL BONDING: AIRBUS HELICOPTERS

GOALS

On completion of the course, trainees will:

- Understand the purpose of electrical bonding on aircraft
- Understand the principle of electrical continuity
- Be familiar with the possible tools and assemblies
- Be familiar with taking measurements with devices
- Implement final protection

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

- Purpose of electrical bonding
- Purpose of electrical bonding measurements
- Definitions: bonding and grounding
- Carrying out electrical bonding
- Measuring
- Final protection
- Health and safety

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check electrical bonding work on helicopters

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions.

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AERONAUTICAL TRAINING COURSES

ELECTRICAL WIRING

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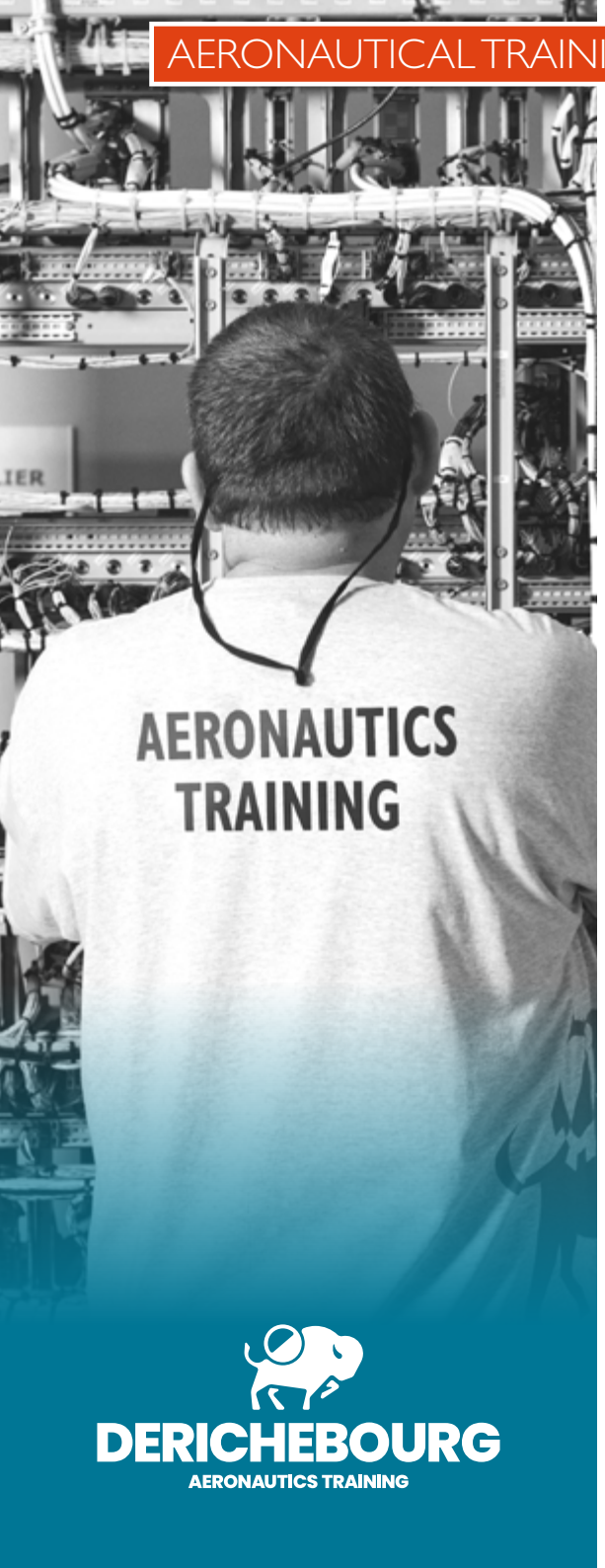

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AIRCRAFT WIRING FITTER

Professional Qualification in Metallurgy (CQPM) Level V

MQ 2001 11 31/44 0206: Aircraft wiring fitter (integrator)

MQ 2016 04 31 0309: Electrical wiring harness fitter

Aircraft wiring fitters make, install and check the conductive wires linking the aircraft's different electronic and electromechanical equipment.
They work in manufacturing workshops or on production lines.
They can work on harnesses, electrical cabinets, aeroplanes, helicopters, satellites, etc.
It's a very meticulous job that demands great rigour!

GOALS

The aim of this training course is to validate the Professional Qualification in Metallurgy (CQPM) «Aircraft Wiring Fitter» - MQ 2001 11 31 0206.

On completion of the course, trainees will:

- Be able to produce all types of harnesses and sub-assemblies
- Be able to install harnesses and sub-assemblies and change sub-assemblies
- Be able to check their own work
- Be able to use various technical documents
- Be able to communicate with their superiors and the work team
- Be able to apply safety rules

INTENDED FOR

- This course is open to all

PREREQUISITES

- Candidates must be interested in manual professions in the aeronautical industry
- French: Equivalent level of competence to
- «Elementary A2» (CEFR Global scale of common proficiency ratings)
- Maths: Equivalent level of competence to «Cycle 3» according to the Bulletin Officiel of 26/11/2015

DURATION

- Up to 485 hours of training at the centre
- Practical course: 140 to 210 hours of hands-on application in the company (depending on scheduling)

ELECTRICAL BONDING AND GROUNDING

GOALS

On completion of the course, trainees will:

- Understand the importance of grounding
- Understand how grounding works
- Understand the principle of continuity
- Be able to carry out electrical bonding
- Be able to recognise electrical bonding
- Be aware of the consequences of poor electrical bonding

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Definition
- Area of application
- Principle of electrical bonding
- Predominantly metal aircraft
- Predominantly composite aircraft
- Application to electrical systems
- Implementation of electrical bonding
- Consequences of poor electrical bonding

INTENDED FOR

- Any electrician/dual-quality workers or inspectors required to work on operations involving grounding and electrical bonding
- Mandatory on the A350

PREREQUISITES

- None

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL CONTINUITY AND INSULATION TESTING

GOALS

On completion of the course, trainees will:

- Know how to carry out an electrical measurement correctly
- Be familiar with the measurement methods for different wire types
- Be familiar with the different types of continuity testing
- Be aware of the risks posed by poor measurements

INTENDED FOR

- Any electrician workers required to work on electrical continuity and insulation tests

PREREQUISITES

- None

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Electrical continuity tests
- Types of wires
- Automatic continuity testing
- Manual continuity testing
- The risks of poor measurements

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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ATA 24 ELECTRICAL POWER

GOALS

On completion of the course, trainees will:

- Be familiar with the basic principles of electrical power on aircraft in the Airbus range
- Be familiar with the principles of electrical distribution on aircraft in the Airbus range
- Be familiar with the principles of electrical network protection on aircraft in the Airbus range
- Be aware of the connections found on electrical wires

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Electrical power
- A380 electrical distribution
- A350 electrical distribution
- Protection of the electrical network
- Electrical architecture of a twin-jet aircraft
- Sockets and cables
- The main contactors
- Systems connected to hot buses

INTENDED FOR

- Anyone required to work on aircraft electrical circuits

PREREQUISITES

- For non-electrician staff who need to obtain the BR, BC and BE low-voltage electrical accreditations

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTROSTATIC DISCHARGE (ESD)

GOALS

On completion of the course, trainees will:

- Understand ESD and its origins
- Be familiar with the consequences of ESD
- Be familiar with the methods of controlling ESD
- Be able to adopt a more preventive approach

INTENDED FOR

- Any technicians required to work on aircraft electrical and electronic equipment

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction to ESD
- Generation of electrostatic charges
- ESD mechanism
- Consequences of ESD
- Control methods: general overview
- Basic rules

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
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BAND-IT CABLE TIES

GOALS

On completion of the course, trainees will:

- Be able to state how to use BAND-IT cable ties
- Be familiar with the tools to be used to install these ties
- Know which final checks should be carried out on a BAND-IT cable tie
- Be able to use the BAND-IT cable tie in practice

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- BAND-IT metal cable ties, type ASNE0805
- BAND-IT clamps
- Preliminary check to be carried out
- Use of the BAND-IT metal clamp, type ASNE0805
- Protection of the metal cable tie
- Removing a BAND-IT cable tie
- Final checks
- Practical
- Test

INTENDED FOR

- Any workers or inspectors required to install and check BAND-IT metal cable ties on electrical wiring, on aircraft or in the workshop

PREREQUISITES

- None

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
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STRIPPING OF ELECTRICAL WIRES

GOALS

On completion of the course, trainees will:

- Know how to strip an electrical wire correctly
- Be able to determine the length of insulation stripping required on an electrical wire
- Be familiar with the different types of tools
- Be aware of the risks posed by poor stripping

INTENDED FOR

- Any workers required to strip electrical wires on aircraft or in the workshop
- Any inspectors required to check the stripping of electrical wires on aircraft or in the workshop

PREREQUISITES

- None

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Definition
- Stripping tools
- Stripping processes
- Quality controls

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

SELF-SOLDERING/HEAT-SHRINK SHEATHS AND SLEEVES

GOALS

On completion of the course, trainees will:

- Be familiar with the tools used for carrying out self-soldering
- Be familiar with the procedures for using self-soldering sleeves, and heat-shrink sheaths and sleeves

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- The different types of self-soldering irons
- Tools
- Procedure for installing a self-soldering iron
- Finishing self-soldering
- Quality control
- Different types of shielding continuity
- Using the mobile station
- Heat-shrink sheaths and sleeves

INTENDED FOR

- Any workers required to carry out self-soldering on electric wires on aircraft or in the workshop
- Any inspectors required to check self-soldering on electric wires on aircraft or in the workshop

PREREQUISITES

- None

DURATION

- Formation initiale 2 heures

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

CRIMPING OF COPPER WIRES

GOALS

On completion of the course, trainees will:

- Be familiar with the tools for crimping contacts and terminals on copper wires
- Be familiar with the procedures for crimping contacts and terminals on copper wires
- Be familiar with the acceptance criteria for crimped contacts and terminals
- Be aware of the risks posed by poor crimping

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Tools and procedure for crimping contacts
- Crimping of terminals
- Checking crimped contacts
- Checking crimped terminals

INTENDED FOR

- Any workers required to crimp electrical wires on aircraft or in the workshop
- Any inspectors required to check crimping of electrical wires on aircraft or in the workshop

PREREQUISITES

- «Stripping of electrical wires» training course

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL BONDING MEASUREMENTS

GOALS

On completion of the course, trainees will:

- Be familiar with the purpose of electrical bonding measurements
- Be familiar with the resources to be used
- Know how to carry out electrical bonding measurements and interpret the results
- Know how to complete the associated documents
- Be familiar with the specific requirements for test repeats

INTENDED FOR

- Anyone required to carry out electrical bonding measurements on an aircraft in the Airbus range

PREREQUISITES

- «Electrical bonding and grounding» training course

DURATION

- Initial training 4 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Measuring devices
- Measurement principles
- Airbus A350
- Test documents

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL RISK ON AIRCRAFT B2X LEVEL - INITIAL

GOALS

On completion of the course, trainees will:

- Be familiar with the dangers of electricity
- Know where they stand with regard to electrical risks in aircraft
- Be able to protect themselves from electrical risks
- Be able to work safely, for themselves and others
- Know what to do in the event of a defect on an installation

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Overview and changes in electricity regulations
- Basic concepts of electricity and aircraft installations
- Dangers of electricity
- Electrical risk areas
- Specific requirements for live aircraft
- Electrical and non-electrical operations
- Electrical accreditation
- Means of protection
- Basic concepts of protection from direct contact
- Applicable documents
- What to do in the event of an accident on an installation

INTENDED FOR

- Anyone required to carry out non-electrical work on live or powered-off aircraft

PREREQUISITES

- None

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL RISK ON AIRCRAFT B2X LEVEL - REFRESHER

GOALS

On completion of the course, trainees will:

- Be familiar with the scope covered by B2X level accreditation
- Be familiar with electrical risks in general and the specificities of an aircraft environment
- Be proficient in the general principles of prevention and means of protection
- Know what to do in the event of an accident on an installation
- Know what to do in the event of a defect on an installation

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction and reminders
- Awareness of electrical risk
- Scope covered and safety requirements associated with B2X accreditation
- Electrical risks: general overview
- Electrical risks: live aircraft
- General prevention principles
- Means of protection
- Environment zones
- What to do in the event of an accident on an installation
- Know what to do in the event of defects on an aircraft
- installation

INTENDED FOR

- Anyone required to carry out non-electrical work on live or powered-off aircraft

PREREQUISITES

- «Electrical risk on aircraft: B2X level - initial» training course

DURATION

- Refresher course 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL RISK ON AIRCRAFT BR/BC/BE LEVEL - INITIAL

GOALS

On completion of the course, trainees will:

- Be familiar with the personal and collective protective
- equipment required for each work area
- Be familiar with the voltages present
- Know how to define the proximity zones applied to live aircraft
- Know how to move around safely in a live aircraft

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Overview and changes in electricity regulations
- Basic concepts of electricity and aircraft installations
- Dangers of electricity
- Electrical risk areas
- Basic concepts of protection from direct contact
- Means of protection
- Specific requirements for live aircraft
- Non-electrical and electrical operations
- Accreditation
- Applicable documents
- What to do in the event of an accident on an installation

INTENDED FOR

- Anyone required to carry out electrical work on live aircraft

PREREQUISITES

- «ATA 24 Electrical power» and «Electrical risk on aircraft: B2X level - initial» training courses

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICAL RISK ON AIRCRAFT BR/BC/BE LEVEL - REFRESHER

GOALS

On completion of the course, trainees will:

- Be familiar with the personal and collective protective equipment required for each work area
- Be familiar with the voltages present
- Know how to define the proximity zones applied to live aircraft
- Know how to move around safely in a live aircraft

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction and reminders
- Overview and changes in electricity regulations
- Basic concepts of electricity and aircraft installations
- Dangers of electricity
- Electrical risk areas
- Basic concepts of protection from direct contact
- Means of protection
- Specific requirements for live aircraft
- Non-electrical and electrical operations
- Accreditation
- Applicable documents
- What to do in the event of an accident on an installation

INTENDED FOR

- Anyone required to carry out electrical work on live aircraft

PREREQUISITES

- «Electrical risk on aircraft: BR/BC/BE level - initial» training course

DURATION

- Refresher course 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 92 ELECTRICAL ROUTING: GENERAL OVERVIEW

GOALS

On completion of the course, trainees will:

- Be able to recognise electrical components on aircraft
- Be familiar with electrical routing rules
- Be able to recognise anomalies to be reported
- Be familiar with repair solutions

INTENDED FOR

- Newly-assigned electrician workers and quality controllers

PREREQUISITES

- None

DURATION

- Initial training 6 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Electrical wires
- Routes
- Electrical connectors and components
- Electrical drawings
- Routing elements
- Verifications to be carried out during an electrical safety check (PNE)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

FIBRE OPTICS

GOALS

On completion of the course, trainees will:

- Understand how fibre optics work and their importance to the aeronautical sector
- Understand the part reference numbers used at Airbus
- Be able to apply precautionary measures when handling fibre-optic cables
- Be able to route fibre-optic cables correctly in different configurations
- Be able to detect non-compliances
- Be familiar with the different procedures for checking and cleaning fibre-optic cables

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- General aspects relating to light
- Fibre optics
- Airbus specifications
- Assembling fibre optics
- Troubleshooting

INTENDED FOR

- Anyone tasked with assembling and inspecting fibre-optic routes

PREREQUISITES

- None

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

READING OF 2D ELECTRICAL DRAWINGS

GOALS

On completion of the course, trainees will:

- Know how to connect seat-to-seat harnesses (reminders)
- Know how to assemble electrical equipment
- Know how to connect PCUs and mask stowage boxes (reminders)
- Be familiar with the rules for routing and protecting harnesses in accordance with IPDA83-01 and 80-T-40-101
- Know how to read and interpret 2D electrical drawings in the A320 cabin

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Seat-to-seat harnesses
- Assembly of electrical equipment
- Connection of PCUs and mask stowage boxes
- Routing and protection of harnesses in accordance with IPDA83-01 and 80-T-40-0101
- Electrical routing diagrams for the A320 cabin

INTENDED FOR

- Anyone tasked with working on electrical assembly operations

PREREQUISITES

- None

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

H0/B0 ELECTRICAL ACCREDITATION SPECIFIC AERONAUTICAL REQUIREMENTS

GOALS

On completion of the course, trainees will:

- Be able to identify and analyse electrical risks
- Be familiar with the prevention requirements
- Be able to implement appropriate preventive measures
- Be able to integrate prevention into work preparation
- Know what to do in the event of an electrical accident or fir

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Regulatory texts
- Electrical accreditation
- Basic concepts of electricity and aircraft installations
- Dangers of electricity
- Distances and limits
- Electrical devices and equipment
- Means of protection
- Basic concepts of protection from direct contact
- Accidents and fires

INTENDED FOR

- Anyone working on non-electrical operations in connection with the use of a structure or installation

PREREQUISITES

- None

DURATION

- Training course duration: 7 hours spread over one day.

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ELECTRICITY FOR HELICOPTERS

GOALS

On completion of the course, trainees will:

- Be familiar with how to route harnesses
- Be familiar with electrical routing rules
- Understand the purpose and principles of electrical bonding
- Know how to use electrical bonding documents
- Be aware of the consequences of poor electrical bonding

INTENDED FOR

- Anyone tasked with electrical assembly and inspection on helicopters

PREREQUISITES

- None

DURATION

- Initial training 4 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at a training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Harness routing
- Electrical bonding

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

LARGE CROSS-SECTION ALUMINIUM CRIMPING

GOALS

On completion of the course, trainees will:

- Be able to crimp terminals using qualified tools

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Introduction
- Wires
- Tools and accessories
- Crimping of copper wires
- Crimping of NSA936504 TC and NSA936507 TG terminals
- Crimping of aluminium wires
- Crimping of ASNE0422 TR terminals
- Crimping of ASNE0466 TS terminals
- Crimping jaw assembly
- Crimping operation
- Verification criteria
- Fitting of heat-shrink sheaths
- Assembly on VT terminal block

Practical part:

- Practical application of crimping methods
- Practical application of tool use

INTENDED FOR

- Anyone making electrical equipment (cabinets, racks, harnesses, etc.)
- Anyone working on modifications to electrical equipment
- Inspectors/controllers required to check the manufacture of electrical equipment

PREREQUISITES

- Communicate in French (reading, writing)
- Good manual dexterity
- Knowledge of wired connections
- Proficiency in crimping terminals and contacts

DURATION

- 4 hours (theory, assessment, practical application)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

SMALL CROSS-SECTION ALUMINIUM CRIMPING

GOALS

On completion of the course, trainees will:

- Be able to crimp terminals using qualified tools

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Introduction
- Aluminium wires
- Key point
- Contacts
- Marking and stripping
- The tools
- Crimping from G24 to G12
- Crimping from G10 to G04
- The criteria

Practical part:

- Practical application of crimping methods
- Practical application of tool use

INTENDED FOR

- Anyone making electrical equipment (cabinets, racks, harnesses, etc.)
- Anyone working on modifications to electrical equipment
- Inspectors/controllers required to check the manufacture of electrical equipment

PREREQUISITES

- Communicate in French (reading, writing)
- Good manual dexterity
- Knowledge of wired connections
- Proficiency in crimping terminals and contacts

DURATION

- 4 hours (theory, assessment, practical application)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

COAXIAL/TWINAX CRIMPING

GOALS

On completion of the course, trainees will:

- Be able to crimp coaxial or Twinax contacts using qualified tools

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Minimum number: 3 trainees
  Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Wires
- Wire stripping
- Stripping criteria
- Contact assembly criteria
- Assembly examples
- Twinax
- Installation
- Verification criteria

Practical part:

- Practical application of crimping methods
- Practical application of tool use

INTENDED FOR

- Anyone making electrical equipment (cabinets, racks, harnesses, etc.)
- Anyone working on modifications to electrical equipment
- Inspectors/controllers required to check the manufacture of electrical equipment

PREREQUISITES

- Communicate in French (reading, writing)
- Good manual dexterity
- Knowledge of wired connections
- Proficiency in crimping terminals and contacts

DURATION

- 4 hours (theory, assessment, practical application

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

QUADRAX CRIMPING

GOALS

On completion of the course, trainees will:

- Be able to crimp a Quadrax contact on a Quadrax wire using qualified tools

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at a training
- Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Introduction
- The network
- The network on an aircraft
- Wires
- Contacts and connectors
- Wiring rules
- The tools
- Implementation
- Criteria
- Insertion

Practical part:

- Practical application of crimping methods
- Practical application of tool use

INTENDED FOR

- Anyone making electrical equipment (cabinets, racks, harnesses, etc.)
- Anyone working on modifications to electrical equipment
- Inspectors/controllers required to check the manufacture of electrical equipment

PREREQUISITES

- Communicate in French (reading, writing)
- Good manual dexterity
- Knowledge of wired connections
- Proficiency in crimping terminals and contacts

DURATION

- 4 hours (theory, assessment, practical application)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

OVERBRAIDING

GOALS

- Acquire theoretical knowledge relating to use of the various techniques for protecting overbraided electrical harnesses, applied to aircraft in accordance with Airbus reference documents

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Resources to be used
- Consumables, tools
- Repairing overbraiding
- Damaged external protection
- Hole in braid < harness diameter
- Tear in braid < D hole < 200mm
- Hole in braid > 200mm
- Cut or damaged wires
- Metal braid damaged near the rear connector
- Damaged rear connector
- Branch too long
- Insertion of a ground strap
- Creating one or more wires in a harness
- Repairing a damaged connector
- Implementing EN4674-003 and EN4674-004 sleeving
- Choice of sheaths and accessories
- Rules for assembling and bundling branches
- Connection to a closed connector

Practical part:

- Practical application of assembly methods
- Practical application of repair methods

INTENDED FOR

- Anyone working on overbraided electrical harnesses

PREREQUISITES

- Ability to read and write in French
- Good dexterity
- Experience in manufacturing aeronautical electrical harnesses

DURATION

- 8 hours (1 day)
  (theory, assessment, practical application)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

PRESSURE SEALS

GOALS

On completion of the course, trainees will:

- Be able to fit a pressure seal using qualified tools

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at a training
- Maximum number: 6 trainees

TEACHING CONTENT

The course covers the following topics:

Theory part:

- Definition and areas of application
- The different pressure seals
- Standards and graphic representation
- ABS 1378 pressure seals: fitting instructions
- ABS1571 pressure seals: description
- Fitting instructions
- NSA 934710 pressure seals (bundle): fitting instructions
- Installation of pressure seals
- Fitting
- Pre-positioning
- Sheathing
- Finalising the installation

Practical part:

- Practical application of sealing methods
- Practical application of tool use

INTENDED FOR

- Anyone working on harness modifications
- Inspectors/controllers required to check pressure seals

PREREQUISITES

- Communicate in French (reading, writing)
- Good manual dexterity
- Knowledge of wired connections

DURATION

- 8 hours (theory, assessment, practical application)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

AERONAUTICAL TRAINING COURSES

CABIN INTEGRATION

DERICHEBOURG
AERONAUTICS TRAINING

AIRCRAFT CABIN INTEGRATOR

Professional Qualification in Metallurgy (CQPM) Level V

MQ 2010 07 31 0289

Aircraft Cabin Integrators generally work in structural assembly workshops or on assembly lines. They are involved in activities such as preparing the work area, protecting cabin parts, fitting, fastening and assembling parts, adjusting and connecting them. A job where a sense of aesthetics, rigour and quality are essential!

GOALS

The course content is designed to teach trainees the skills of an Aircraft Cabin Integrator, in order to validate the eight specialisations required for the Professional Qualification in Metallurgy (CQPM) «Aircraft Cabin Integrator» - MQ 0289:

- Prepare their work
- Be aware of their surroundings in the workplace
- Protect the parts to be integrated and the environment
- Bring the parts to the work area
- Position, attach, assemble and adjust the parts
- Connect the different systems (water, air, oxygen, electricity, electrical bonding, etc.)
- Keep the work area clean
- Communicate with their superiors, work team or third parties

INTENDED FOR

- This course is open to all

PREREQUISITES

- Candidates must be interested in manual professions in the aeronautical industry
- French: Equivalent level of competence to
- «Elementary A2» (CEFR Global scale of common proficiency ratings)
- Maths: Equivalent level of competence to «Cycle 3» according to the Bulletin Officiel of 26/11/2015

DURATION

- Up to 570 hours of training at the centre
- Practical course: 140 to 210 hours of hands-on application in the company (depending on scheduling)

DERICHEBOURG
AERONAUTICS TRAINING

ATA 25 COMMERCIAL FURNISHINGS TRIM, FINISH AND TRACEABILITY

GOALS

On completion of the course, trainees will:

- Know how to fit cabin, hold and cockpit trims
- Be familiar with the principles of traceability of equipment assembled on aircraft
- Know how to fit emergency equipment and labels
- Be able to finalise and protect the cabin layout

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Cabin trim
- Hold trim
- Cockpit trim panels and stowage
- Assembly of emergency equipment
- Traceability
- Assembly of galley and auxiliary equipment
- How to apply labels

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 8 hours (theory 7h30, assessment 30 min)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 25 COMMERCIAL FURNISHINGS COMPLEX ASSEMBLIES

GOALS

On completion of the course, trainees will:

- Know how to build a monument
- Know how to fit hat-racks and overhead stowage compartments (OHSCs)
- Be familiar with high ceiling passenger service channel (HC-PSC) assembly procedures
- Know how to assemble a seat in the cabin and cockpit

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Monuments
- Hat-racks
- PSCs
- Seats

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 8 hours (theory + assessment)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 25 COMMERCIAL FURNISHINGS
INSTALLATION OF INSULATION BLANKETS

GOALS

On completion of the course, trainees will:

- Be familiar with the role of insulation blankets
- Know how to install an insulation blanket
- Be familiar with the procedures for repairing insulation blankets
- Be familiar with the verification criteria for insulation blankets

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- History
- Operational requirements
- Technical requirements
- Applications on the A380
- Applications on the A330
- Precautions
- Verification criteria
- Repair procedures

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 2 hours (theory + assessment)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 25 COMMERCIAL FURNISHINGS
CABIN FLOOR COVERINGS

GOALS

On completion of the course, trainees will:

- Know how to establish the datum position
- Be familiar with the process for laying Mylar and NTF
- Be familiar with the main difficulties encountered when laying floor protection in damp areas
- Be familiar with the procedures for fitting floor path illumination, raceways and carpeting in the cabin

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- The datum
- Floor coverings in damp areas
- Preparing a Mylar zone
- Laying Mylar
- Laying NTF
- Fitting floor path illumination, raceways and carpeting

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 4 hours (theory + assessment)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 52 ADJUSTMENT AND CONTROL CABIN DOORS

GOALS

On completion of the course, trainees will:

- Be able to recognise the parts of a door
- Be familiar with the procedures for adjusting a door on the FAL
- Be able to recognise and facilitate reporting of anomalies encountered during final inspections (*postes neutres*)
- Know how to check door adjustments
- Know how to inflate pneumatic accumulator, arm door actuators and assemble slides

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction: Flight 981
- Adjustment of passenger doors, FAA directives
- Description of the doors on a long-range A330
- Final inspection (poste neutre) before fitting A330 door trim
- Assembly faults
- Checking door adjustment on an A330
- Doors on the A380 - Introduction
- Doors on the A380 - Checks and final adjustment on FAL2
- Inflating hydraulic accumulator, arming door actuators and assembling slides at workstation 20
- Annexes: A330 door adjustment check sheets
- Annexes: A380 door adjustment procedure sheets

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 6 hours (theory + assessment)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 53 CABIN FLOORS

GOALS

On completion of the course, trainees will:

- Know how to establish the datum position
- Be familiar with the process for laying Mylar and NTF
- Be familiar with the main difficulties encountered when laying floor protection in damp areas
- Be familiar with the procedures for fitting floor path illumination, raceways and carpeting in the cabin

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Presentation of the floors
- Presentation of the parts
- Presentation of the resources
- Assembly procedures
- Precautions
- Quality

INTENDED FOR

- Aeronautical staff trained in special technical processes in accordance with the customer's reference documentation

PREREQUISITES

- Read, write and understand French

DURATION

- 4 hours (theory + assessment)

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

AERONAUTICAL TRAINING COURSES

SYSTEMS

DERICHEBOURG
AERONAUTICS TRAINING

SYSTEMS MECHANIC

Professional Qualification in Metallurgy (CQPM) Level V

MQ 1991 06 67 0082

Systems Mechanics work on a variety of mechanised assemblies or sub-assemblies. Their tasks require invaluable know-how, particularly in:

- *Positioning and assembling mechanised parts*
- *Connection*
- *Adjusting and checking operation*
- *First-level maintenance*
- *It is a job that requires a great deal of knowledge of all systems and how they work*

GOALS

The course content is designed to teach trainees the skills of a Systems Mechanic, in order to validate the specialisations required for the Professional Qualification in Metallurgy (CQPM) Level V - MQ 1991 06 67 0082.

INTENDED FOR

- This course is open to all

PREREQUISITES

- Candidates must be interested in manual professions in the aeronautical industry
- French: Equivalent level of competence to
- «Elementary A2» (CEFR Global scale of common proficiency ratings)
- Maths: Equivalent level of competence to «Cycle 3» according to the Bulletin Officiel of 26/11/2015

DURATION

- Up to 525 hours of training at the centre
- Practical course: 210 hours of hands-on application in the company

DERICHEBOURG
AERONAUTICS TRAINING

ATA 36 OHDS/BLEED CIRCUIT

GOALS

On completion of the course, trainees will:

- Be familiar with general aspects of the OHDS/Bleed system
- Be familiar with the risks associated with pressurising the circuit
- Be familiar with system installation rules
- Be able to check and inspect the system

INTENDED FOR

- Technical staff working on the ATA 36 system

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- ATA 36
- Installing parts
- How the OHDS works
- Inspection of the OHDS installation
- Verification tolerances

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

WATER–AIR-FIRE

GOALS

- On completion of the course, trainees will:
- Be familiar with the different components of the WATER AIR FIRE system
- Be familiar with the specific assembly requirements for these systems
- Be familiar with the specific verification requirements for these systems

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Presentation of the affected systems
- Knowledge of the specific assembly requirements for these systems
- Knowledge of the specific verification requirements for these systems

INTENDED FOR

- Technical staff working on the ATA 36 system

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 27 FLIGHT CONTROLS: GENERAL OVERVIEW

GOALS

On completion of the course, trainees will:

- Be familiar with the architecture of primary flight control circuits
- Be familiar with the architecture of secondary flight control circuits
- Be familiar with the safety measures relating to flight control settings

INTENDED FOR

- Technical staff working on aircraft servos

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Introduction to ATA 27
- Primary flight controls
- Secondary flight controls
- Safety instructions, flight control settings

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 28 FUEL CIRCUIT

GOALS

On completion of the course, trainees will:

- Be familiar with the dangers of fuel
- Be familiar with the different functions of ATA 28
- Understand the main parts of the fuel circuits
- Be familiar with the general instructions for assembling fuel pipes

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Presentation of the system
- Fuel tanks
- Filling/draining circuit
- Venting circuit
- Engine supply circuit
- Intercommunication and transfer
- Indicators and alarms
- Secondary functions
- Assembling fuel pipes

INTENDED FOR

- Technical staff working on an aircraft's fuel circuit

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 32 LANDING GEAR: GENERAL OVERVIEW

GOALS

On completion of the course, trainees will:

- Be familiar with how landing gear work
- Be familiar with how the brake circuit works
- Be familiar with the various safety features associated with the undercarriage
- Be familiar with the characteristics of aircraft tyres

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview of the ATA 32 system
- Landing gear
- Brake circuit
- Venting circuit
- Nose wheel steering circuit
- Signage
- Tyres

INTENDED FOR

- Technical staff working on aircraft landing gear circuits

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 29 HYDRAULIC CIRCUIT

GOALS

On completion of the course, trainees will:

- Gain regulatory and technical knowledge of ATA 29
- Be familiar with the rules for assembling hydraulic pipes
- Be familiar with the safety rules relating to hydraulic circuits

INTENDED FOR

- Technical staff working on aircraft hydraulic circuits

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 4 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview of the ATA 29 system
- Hydraulic circuit architecture
- Hydraulic fluid
- Aircraft concept
- Assembling hydraulic pipes
- Quality

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 35 OXYGEN CIRCUITS: ASSEMBLING PIPES

GOALS

On completion of the course, trainees will:

- Be familiar with ATA 35 oxygen circuits on aircraft
- Be able to identify the different O^2 circuits
- Be familiar with and apply safety instructions
- Be able to carry out an O^2 installation in compliance with safety rules
- Be able to check an O^2 installation

INTENDED FOR

- Technical staff working on aircraft oxygen circuits

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview of the ATA 35 system
- Oxygen gas circuits
- Assembly of oxygen parts
- Removal of an oxygen circuit part

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 35 OXYGEN CIRCUITS: OXYGEN MASKS

GOALS

On completion of the course, trainees will:

- Be familiar with the different types of oxygen masks
- Be familiar with the specific requirements for O^2 masks in aeronautics
- Know how to test and recondition O^2 masks
- Be familiar with the different safety rules

INTENDED FOR

- Technical staff working on aircraft oxygen circuits

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview of oxygen masks
- O^2 masks on commercial aircraft
- Reconditioning of cockpit O^2 masks
- Assembly of cabin O^2 mask stowage boxes

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

FLUID SAMPLING

GOALS

On completion of the course, trainees will:

- Be familiar with the different types of contamination
- Be familiar with the consequences of contamination
- Be able to carry out fluid sampling on aircraft
- Know what Airbus's FACERPF certification is and its internal equivalent

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Fuel sampling
- Hydraulic fluid sampling
- IDG/VFG oil sampling
- Engine oil sampling
- APU oil sampling
- Water sampling
- Golden rules for fluid sampling
- Presentation of certification

INTENDED FOR

- Technical staff working on aircraft hydraulic, fuel, engine and water circuits

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

ATA 21 AIR CONDITIONING / PRESSURISATION: ASSEMBLING AIR PIPES

GOALS

On completion of the course, trainees will:

- Gain knowledge of the various functions of ATA 21
- Be able to identify the main parts of the air conditioning circuit
- Be able to raise operator awareness about the general instructions for assembling air conditioning pipes

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview of ATA 21
- Air conditioning
- Pressurisation
- Ventilation
- Assembling air pipes

INTENDED FOR

- Technical staff working on the ATA 21 system

PREREQUISITES

- Operators and quality inspectors working on aircraft

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

CATIA V5/V6 SOFTWARE

Training tailored to various industry sectors:
automotive, shipbuilding, construction, architecture, etc.

Proficiency in the basic concepts

Before industrial-scale production can be launched, the men and women of the design offices develop the network of equipment and the principles of its use, to enable the results obtained from R&D to be put into practice.
Coming from a variety of backgrounds, they work as a team to ensure that installations comply with the highest levels of quality and safety. Information technology is increasingly present through Computer-Aided Design software «CATIA V5» or «CATIA V6».

GOALS

Learn how to use the CATIA V5 and CATIA V6 modules in order to:

- design parts using geometric features, functional modelling techniques and application of CATIA design rules
- load a product configuration, design in a context, replace components with new versions and analyse a product
- work as part of a team with other users
- create assemblies, simulate their mechanisms and prepare bundles
- Learn how to import existing V5 data and search for models in the CATIA V6 database

Leading to positions such as:

- CATIA V5/V6 Designer
- CATIA V6 PLM Consultant - Catia V6 VPLM Consultant - CAD & PLM Consultant
- CATIA V6 Design Engineer
- Design Office Technician
- CATIA V6 Design Draftsperson / V5 - V6 Model Integrator
- Project/Research Officer
- CATIA V6 / ENOVIA VPM Architect

INTENDED FOR

- This course is open to all

PREREQUISITES

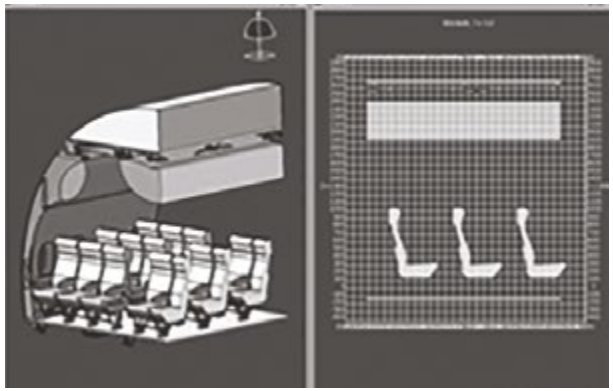
Applicants must:

- Have the French *baccalaureat* or equivalent high-school leaving certificate
- Be proficient in the basic rules of industrial or mechanical design
- Be proficient in industrial drawing
- Be familiar with the Windows IT environment

The recruitment and training department reserves the right to refuse any application that does not meet these prerequisites, based on a study of the application and the candidate's motivation.

DURATION

- Up to 400 hours of training at the centre



DERICHEBOURG
AERONAUTICS TRAINING

QUALITY INSPECTOR

Professional Qualification in Metallurgy (CQPM) Level III

MQ 2015 11 31 0306

Aeronautical Quality Inspectors carry out dimensional and/or visual checks on aeronautical parts, complete anomaly reports, and follow up declared non-compliances as well as corrective and preventive actions.
They ensure that products are identified and traceable in accordance with the manufacturing files. They must therefore be familiar with manufacturing materials, techniques and processes, as well as quality control standards and techniques. These are tasks that demand the utmost rigour.

GOALS

The aim of this training course is to validate the Professional Qualification in Metallurgy (CQPM)

«QUALITY INSPECTOR» - MQ 2015 11 31 0306.

On completion of the course, trainees will:

- Be able to carry out checks on finished products or equipment
- Be able to certify compliance of finished products or equipment
- Be able to analyse any non-compliance and prescribe curative, corrective or preventive measures
- Be able to manage the corresponding quality control documentation
- Be able to liaise between decision-making departments and production
- Be able to recommend areas for improvement when implementing a manufacturing order

INTENDED FOR

- This course is open to all

PREREQUISITES

Applicants must:

- Have a category A technical diploma (or equivalent) in the field of aircraft construction, and at least 6 months of experience (18 months recommended) in connection with this certification
- Or, in lieu of a diploma, have at least 2 years of professional experience (4 years recommended) in an industrial aeronautics environment
- Or have more than 5 years of experience in another industrial sector

The recruitment and training department reserves the right to refuse any application that does not meet these prerequisites, based on a study of the application and the candidate's motivation.

DURATION

- Up to 420 hours of training at the centre
- Practical course: 140 to 240 hours of hands-on application in the company (depending on scheduling)

DERICHEBOURG
AERONAUTICS TRAINING

REGULATORY TRAINING COURSES

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TRAINING FOR DRIVING IN AN AERONAUTICAL ENVIRONMENT

GOALS

- Be able to drive a forklift truck safely in an aeronautical environment

TEACHING RESOURCES/METHODS

Theory part:

- Slide shows
- Participatory presentation

Practical part (real-life situations in the warehouse):

- Use of a ride-on pallet truck and order picker on the ground (less than 1 metre lift)
- Use of a counterbalance forklift truck with a rated capacity of less than or equal to 6 tonnes
- Use of a retractable-mast forklift truck and/or order picker with elevating driver's platform
- A clear area to move around
- Training room provided by the company or training centre
- Video projector, PowerPoint, videos
- Forklift truck provided

INTENDED FOR

- Anyone required to use a forklift truck on a regular or occasional basis, and working on an aeronautical industrial site

PREREQUISITES

- Ability to read and write in French
- Driver recognised as medically fit to drive a forklift truck
- And holder of one or more CACES® permits

DURATION

- 14 hours (excluding test to obtain CACES permit)

ORGANISATIONAL ARRANGEMENTS

- Training provided at the training centre or on site
- Maximum number: 6 trainees

ELECTRICAL ACCREDITATIONS SPECIFIC TO AERONAUTICAL PROFESSIONS

Depending on your particular needs, the electrical accreditation training we provide can take account of specific work environments, for example in the aeronautical sector.

Our technical facilities will be available to you throughout the course.

The accreditation levels correspond to those accepted in the aeronautical sector. The roles of all parties are explained, both in ground handling and on the assembly line.

Organisational arrangements: please contact us.

DERICHEBOURG
AERONAUTICS TRAINING

REGULATORY TRAINING COURSES

TRAINING	GOALS	INTENDED FOR	PREREQUISITES
B0H0V	Be able to carry out your professional activity (non-electrician) in complete safety in the presence of an electrical risk	Non-electrician staff	Understand and read French
B1 B1V	Obtain B1 B1V certification in accordance with standard NFC 18510	Electricians working on low-voltage systems	Possess, in the voltage range in question on structures or electrical installations, electrical skills resulting from training or professional practice, and in particular: • Differentiate between electrical quantities such as current, voltage, resistance, power, AC and DC • Identify devices offering protection from direct and indirect contact • Identify electrical equipment in its environment (functions: separation, control protection, etc.) • Read an electrical diagram and recognise equipment from symbols
B2 B2V	Obtain B2 B2V certification in accordance with standard NFC 18510		
B2V ESSAI	Obtain B2V Testing certification in accordance with standard NFC 18510		
BR	Obtain BR certification in accordance with standard NFC 18510		
BS	Be able to carry out your professional activity in complete safety in the presence of an electrical risk	Non-electrician staff	Understand and read French

Determined by the employer, the recommended frequency of retraining is every 3 years. For occasional or exceptional practice, this period may be reduced to 2 years.

Provide access to electrical installations
REGULATORY REFERENCES
Articles R4544-8 to R4544-10

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: 10 trainees

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AERONAUTICS TRAINING

PREVENTION OF ELECTRICAL RISKS

GOALS

Be able to carry out your professional activity (non-electrician) in complete safety in the presence of an electrical risk

INTENDED FOR

- Any occupational activity where there is an electrical risk

PREREQUISITES

- Understand and read French

DURATION

- 3 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: 10 trainees

DERICHEBOURG
AERONAUTICS TRAINING

FUEL TANK SAFETY / CDCCL LEVEL 2

GOALS

On completion of the course, trainees will:

- Be familiar with the bodies concerned by CDCCL
- Be able to comply with regulatory requirements
- Be familiar with the existing CDCCL regulations
- Be familiar with the impact of CDCCL on maintenance
- Be familiar with the safety measures to be taken in the presence of fuel
- Be familiar with OBIGGSs

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Fire risks
- Sources of ignition on aircraft
- Aircraft fuel
- CDCCL regulations
- Safety measures to be taken
- Examples of accidents
- Feedback
- Fuel system
- Fuel-related electrical circuits
- OBIGGS

INTENDED FOR

- Technical staff working on aircraft fuel tanks

PREREQUISITES

- ATEX training
- Confined spaces training
- FOD training

DURATION

- Formation initiale 4 heures

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

WORKING IN ATEX ZONES

GOALS

On completion of the course, trainees will:

- Understand what an explosion is
- Understand existing regulations
- Be familiar with the CE standard for marking ATEX equipment
- Know how to behave in an ATEX zone
- Know how to read an ATEX sheet inserted in the workstation safety folder

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- ATEX
- Explosions
- Regulations
- Classification of zones
- Markings according to the standards
- Working in ATEX zones

INTENDED FOR

- Technical staff working on aircraft

PREREQUISITES

- None

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

GESTURES ON THE GROUND

GOALS

On completion of the course, trainees will:

- Be familiar with the conventional aircraft guidance gestures
- Be able to guide an aircraft on the ground using conventional gestures
- Be aware of the risks to an aircraft moving on the ground

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Examples of accidents
- The risks posed by moving aircraft
- The guidance procedure
- Guidance gestures

INTENDED FOR

- Technical staff working outdoors in the aircraft manoeuvring area

PREREQUISITES

- Operators working on aircraft

DURATION

- Initial training 2 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

INTRODUCTION TO HUMAN FACTORS

GOALS

On completion of the course, trainees will:

- Gain general knowledge of human factors
- Be able to raise staff awareness about human performance and limitations
- Know how to analyse the various parameters using the SHELL model
- Be able to prevent risks in the workplace
- Gain knowledge of safety culture

INTENDED FOR

- Open to all staff

PREREQUISITES

- None

DURATION

- 4 hours

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview
- Human performance and limitations
- The SHELL model
- Risks
- Safety culture

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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WORK IN CONFINED SPACES

GOALS

On completion of the course, trainees will:

- Be aware of the concept of confined space
- Be able to identify the risks associated with working in confined spaces
- Be able to protect themselves from danger
- Be able to identify the roles of each player
- Know how to take action in the event of an incident
- Be able to work in practice in confined spaces with or without a respirator

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises (if equipped with a confined space) or at the training centre
- Closed shoes and appropriate clothing for practical exercises
- Maximum number: 5 trainees per training session.

TEACHING CONTENT

The course covers the following topics:

- Introduction
- Risks in confined spaces
- Risk prevention when working in confined spaces
- The various players
- Company provisions
- Emergency provisions

INTENDED FOR

- People required to work in confined spaces

PREREQUISITES

- Understand and read French

DURATION

- 7 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

FOREIGN OBJECT DAMAGE (FOD)

GOALS

On completion of the course, trainees will:

- Know how to carry out a inventory of their tools correctly
- Be able to report any FOD
- Know where all their equipment is
- Be aware of the risks posed by FOD
- Be aware of the consequences of damage to aircraft

INTENDED FOR

- Any workers, inspectors or support staff required to carry out work on aircraft or in the aircraft areas

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- Training course duration: 2 hours
- Training takes place during the working day

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Definitions
- Why is it important to combat FOD?
- Prevention of foreign objects
- Procedure if FOD is discovered
- FOD (examples)
- Damage: all FALs

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AERONAUTICS TRAINING

BEHAVIOUR OF COMPOSITE MATERIALS

GOALS

On completion of the course, trainees will:

- Be familiar with the different components of a composite material (fibres, matrix, fillers) and their roles
- Understand the growing interest in and advantages of composite materials for the aeronautics sector
- Understand the health risks associated with the use of carbon fibres, and adopt preventive measures
- Recognise when a handling error requires a non-destructive test

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Definition of a composite material
- Main types of reinforcement
- Main families of matrices
- Industrial applications
- Health and safety

INTENDED FOR

- Any workers, inspectors or support staff required to work on the A350 FAL

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- Training course duration: 2 hours
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- N/A

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AERONAUTICS TRAINING

HOSTING ON TOULOUSE SITES

GOALS

On completion of the course, trainees will:

- Be able to host staff required to work at the workstation and on the aircraft
- Be able to move around the FAL in compliance with safety rules
- Be able to report any incident or accident

INTENDED FOR

- Any workers, inspectors or support staff required to work on the Toulouse FALs

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- Training course duration: 2 hours
- Training takes place during the working day

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Airbus programmes
- Distribution of sites
- Health and safety

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- N/A

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

DERICHEBOURG
AERONAUTICS TRAINING

TOLERANCES AND ADJUSTMENTS

GOALS

On completion of the course, trainees will:

- Understand what tolerance means
- Understand what an adjustment is
- Be familiar with the usual adjustments

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Tolerances
- Adjustments
- Reaming - Fundamental tolerances
- Shafts - Fundamental tolerances
- Exercises in calculating adjustments

INTENDED FOR

- Any workers, inspectors or support staff required to carry out or check tolerances and adjustments on parts

PREREQUISITES

- Any workers, inspectors or support staff working in industrial professions

DURATION

- 2 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- None

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AERONAUTICS TRAINING

INDUSTRIAL DRAWING

GOALS

On completion of the course, trainees will:

- Understand the purpose of industrial drawing
- Understand what an industrial drawing consists of
- Be familiar with the different representations
- Be familiar with the different views
- Be familiar with geometric tolerances

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Presentation of the drawings
- The title block
- Orthographic representation
- Views
- Lines
- Cross-hatching
- Sectional views
- Cutaway views
- Nomenclature
- Scales
- Tolerances
- Adjustments
- Geometric tolerances
- Surface quality
- Industrial drawing exercises

INTENDED FOR

- Any workers, inspectors or support staff required to work with drawings on parts

PREREQUISITES

- Any workers, inspectors or support staff working in industrial professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- None

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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AERONAUTICS TRAINING

READING OF AERONAUTICAL DRAWINGS

GOALS

On completion of the course, trainees will:

- Be familiar with what an aeronautical drawing consists of
- Be familiar with the basics of reading aeronautical drawings
- Be familiar with general aspects relating to signage, symbols, etc.

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- General overview
- ATA chapters
- Numbering drawings
- The title block
- Nomenclature
- Cross arrangement for fasteners and assembly
- Exercises in reading aeronautical drawings

INTENDED FOR

- Any workers, inspectors or support staff required to read or check elements drawn on aeronautical drawings

PREREQUISITES

- Any workers, inspectors or support staff working in aeronautical professions

DURATION

- 4 hours spread over one working day
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- None

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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H225 HELICOPTER: GENERAL OVERVIEW

GOALS

On completion of the course, trainees will:

- Be familiar with how an H225 helicopter works
- Know how to work on an H225 helicopter
- Know how to explain the construction of an H225 helicopter

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- History
- Construction of the H225
- H225 circuits
- H225 ancillary systems

INTENDED FOR

- Technical staff working on helicopters

PREREQUISITES

- Operators and quality inspectors working on helicopters

DURATION

- Initial training 4 hours

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- None

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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OCCUPATIONAL HEALTH & SAFETY TRAINING COURSES

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OCCUPATIONAL HEALTH & SAFETY TRAINING COURSES

Our occupational risk prevention approach is the result of regulatory obligations revolving around three main themes:

1. Anticipating occupational risks
2. Raising awareness and providing information
3. Providing support

It is based on the implementation of a prevention policy within the company, founded on three fundamental values:

1. Respect for people
2. Transparency in implementation
3. Social dialogue

OUR OCCUPATIONAL HEALTH TRAINING COURSES

- Workplace first-aider
- Movements and postures
- Prevention of MSDs due to screen work
- Chemical risks
- Preventing accidents: the root cause tree diagram
- The H&S Committee
- The role of the H&S Committee
- Working at height / Wearing PPE

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LIFESAVING & FIRST AID AT WORK: INITIAL TRAINING

GOALS

On completion of the course, trainees will:

- Be able to carry out lifesaving and first aid at work: framework for action, legal framework
- Be able to identify persistent hazards where protection is
- needed
- From «protect» to «prevent»
- Be able to examine a victim and alert the authorities
- From «alerting» to «informing»
- Be able to carry out rescues
- Situations arising from specific risks
- Assessment of lifesaving and first aid at work

INTENDED FOR

- Open to all

PREREQUISITES

- None

DURATION

- Initial training 14 hours over two days

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 8 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Detailed content on request

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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LIFESAVING & FIRST AID AT WORK: REFRESHER TRAINING

GOALS

On completion of the course, trainees will:

- Have received a reminder on lifesaving and first aid at work
- Be able to identify persistent hazards where protection is needed
- From «protect» to «prevent»
- Be able to examine a victim and alert the authorities
- From «alerting» to «informing»
- Be able to carry out rescues
- Situations arising from specific risks
- Assessment of lifesaving and first aid at work

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Detailed content on request

INTENDED FOR

- Open to all

PREREQUISITES

- None

DURATION

- 7 hours training over one day

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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TRAINING IN MOVEMENTS AND POSTURES: GOOD PRACTICES

GOALS

On completion of the course, trainees will:

- Be able to study and apply ergonomics principles to the company's workstations
- Be able to make work less arduous
- Understand dorsal and lumbar risks and how to prevent them
- Apply the right techniques for work movements and postures to reduce fatigue and the frequency of occupational accidents and illnesses
- Acquire a basic understanding of anatomy and functional physiology
- Be able to study and prevent the risks of occupational illnesses and accidents
- Be able to use optimal body movements and reflexes when handling inert loads
- Be able to improve working conditions and quality of life

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

THEORY TRAINING

PRACTICAL TRAINING

INTENDED FOR

- Anyone whose job involves handling loads and/or performing repetitive movements

PREREQUISITES

- None

DURATION

- 7 hours, i.e. 4 hours of theory + 3 hours of practice

TRAINER QUALIFICATIONS

- Our in-house trainers, who have significant aeronautical experience and are experts in the area covered by the course, will be responsible for designing, developing and delivering the technical modules

ASSESSMENT METHODS

- Individual assessment MCQs

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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TRAINING IN MOVEMENTS AND POSTURES FOR SCREEN WORK

GOALS

On completion of the course, trainees will:

- Be able to study and apply ergonomics principles to the company's workstations
- Be able to make work less arduous
- Understand dorsal and lumbar risks and how to prevent them
- Apply the right techniques for work movements and postures to reduce fatigue and the frequency of occupational accidents and illnesses
- Acquire a basic understanding of anatomy and functional physiology
- Be able to study and prevent the risks of occupational illnesses and accidents
- Be able to improve working conditions and quality of life

ORGANISATIONAL ARRANGEMENTS

- Training provided on the customer's premises or at the training centre
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- Screen work and MSDs
- Periarticular disorders caused by poor working posture
- The 9 general prevention principles
- Workstation ergonomics: choosing the right equipment
- Dorsal and lumbar risks
- Basic concepts of anatomy and applied physiology
- Basic concepts of strain and fatigue
- Principles of damage occurrence

INTENDED FOR

- Anyone whose job involves working in front of a screen

PREREQUISITES

- None

DURATION

- 2 hours
- Training takes place during the working day

TRAINER QUALIFICATIONS

- Certified PRAP (prevention of risks related to physical activity) trainer

ASSESSMENT METHODS

- Individual assessment MCQs
- Practical role-playing

TRAINING DELIVERABLES

- Attendance certificate
- Training certificate
- Course assessment by the trainees

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ANALYSIS OF OCCUPATIONAL ACCIDENTS: THE ROOT CAUSE TREE DIAGRAM

GOALS

On completion of the course, trainees will:

- Be able to gather information about the circumstances of an accident
- Be able to analyse an accident using the root cause tree method
- Be able to propose an action plan and corrective measures
- Be able to provide information used to monitor and assess the effectiveness of actions

ORGANISATIONAL ARRANGEMENTS

- Training provided at the DAT training centre or on the host company's premises
- Maximum number: we recommend no more than 10 trainees per training session in order to guarantee optimum availability of our trainer for each trainee

TEACHING CONTENT

The course covers the following topics:

- The accident and incident mechanism
- The accident analysis process
- The root cause tree method
- Use of the analysis and communication
- Benefits and limitations of analysis
- Conclusion

INTENDED FOR

- Anyone who, as part of their job or duties within their company, is required to take part in work on prevention and improvement of working conditions

PREREQUISITES

- None

DURATION

- Training course overall duration: 7 hours
- Training takes place during the working day

QUALITÉ DU FORMATEUR

- Formateur certifié PRAP

MODALITÉS D'ÉVALUATION

- QCM individuels d'évaluation.
- Mise en situation pratique.

DISPOSITIF DE SUIVI DE L'ACTION

- Attestation de présence.
- Attestation de formation.
- Évaluation de la formation par les stagiaires.

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