

Skill Assessment for Composite Technicians

Earth & Flight Composites (EFC) skill assessment days for composites technicians, MRO certifying staff and quality control, as we already have done for our clients in Aviation MRO, Europe, has been proven to be very successful and cost saving for our clients.

The assessment is set-up to verify if a candidate/contractor meets the requirements set by your company or your client's company if they applicant are skilled and motivated to a job in the composite industry.

The assessment of composite (repair) technicians is a complicated process due to the required knowledge to perform the job. To asses, the assessor needs a very high level of knowledge on the subject of composites.

In a CV or Resume, claims are easily made by applicants. Just through talking with an applicant we can assess their level of knowledge but not their level of skill.

A good composite technician has well-developed motor skill in grinding techniques (scarfing, stepping and trimming) with several types of tools.

- There has to be a high ability to work independently, 3d repair design thinking and an ability to transfer this information to others.
- The ability to work according to Safety regulations which will be monitored throughout the practical.
- The ability to read technical layup drawings and technical documentation and implement it to do a repair. This requires strong analytical skills, to be detail-oriented, flexibility, good organizational skill and a passion for the job.

Not everybody will meet these requirements.

Invest in the wrong people and you as a company will get a raw deal.

Failed part, products or repairs, badly performed job, reputation damage, waste of time and the wrong person for the job!

To assess each candidate you are thinking of hiring we can save your recruiting agency /company a lot of money from hiring the wrong person for the Job.



Skill Assessment for Composite Technicians

The EFC skill assessment is meant for companies Human Resource departments in the Advanced Composite Industry such as:

- Aviation MRO maintenance centres,
- Defence composite repair
- Marine fabrication
- Recruiter companies in the employment of composites technicians who want evaluate their candidate's skills prior to hiring them or sign them in for short or long term contracts for clients.
- Automotive (F1)

EFC Course ID : TECH-002

Nr. of days: 5

Advised pre-requisites

The [TECH-001](#) course is an advised prerequisite for the TECH-002 assessment course.

Participants

Newly to be hired candidates for Composite related jobs for Companies in the Composite related Industry.

Number of participants

Minimum required 1 and maximum 6 per course. The course will be confirmed as running by EFC as soon as sufficient applications are received!

Objectives

The Assessment objectives of future candidates for your company along with their theoretical knowledge, practical Hands-On skills are necessary to carry out the job.

(continued at the next page)



The assessment candidate:

- Can perform his skills according to the required job he or she applied for
- Is given a written test to assess his or hers general knowledge in composites according to the job requirements
- Must be able to work independently without supervision during the assessment
- Can work according to Safety regulations and recognize hazardous situations & materials
- Knows material properties and is familiar with "Handling & Storage" off (frozen) materials during the assessment if needed for the job
- Can work according to technical drawings
- Must be able to understand and read TECHNICAL English as written in Technical data sheets , manuals and Safety material data sheet

Course content theory

A written test is customized to the acquired job and skills needed, to verify the candidates general knowledge level and work experience as noted in their CV/Resume. The theoretical assessment is done prior to the Hands-On practical as follows:

- Multiple choice questions depending of the job required category are to be answered if known by the candidate. No gambling of any answers.

Examinations

- Multiple choice questions from each of the teachings Level 2-3
- Successful completion is 75% correct answers
- The examination will be closed book and can be conducted by a Part 147 approved Examiner if requested.
- The practical mark will be the average of all marks gained from the practical exercises. Assessment activities are built into our courses, to give feedback on the achievement and personal potential and kept record in a personal logbook per student.
- All grades will be recorded in the participant individual training records and kept on record at EFC for unlimited time (compliant with Reference EASA Commission Regulation (EU) No 1321/2014)
- A certificate of achievement is handed out to each participant is.

For each candidate a knowledge and skill report is written by the EFC examiner/instructor and will be sent to you as a customer including our recommendations and related additional training.



Tailor made

Note for companies only:

If required, our training courses can be tailored made to meet your specific needs.

Course dates as noted on our course schedule can be adjusted on request to meet your required starting date.

If you have a requirement for this, please contact our business development manager, [Rolf Hovener](#), via his personal page.

Course run on site and at special request

- For your company to benefit, this course can be held 'On-Site' at your facility under certain conditions.
- Click on this link to the [Onsite information webpage!](#)
- Courses as noted on our [course schedule page](#) can be run on request to meet your required start and end date.

Course pricing

All listed course prices are **Excl VAT**. (Dutch VAT is 21%). EFC complies with Dutch tax laws. On request, companies can be sent an invoice instead of paying direct On-line with PayPal, IDEAL or credit card. Payment is securely arranged via Mollie.nl . More information can be found on [the website of Mollie](#).





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Vacuum Valves/ Vacuum Sniffers



Smart vacuum Valve/Ports for a curved surface
In the images shown the vacuum valves/ports are fitted with standard quick connect couplings.

These quick connect standard couplings are not supplied with the vacuum valves/ports. They merely serve to show the connectivity options. These conventional couplings, male or female type, are available at many vacuum equipment suppliers. EFC can deliver them to you if required.

Contact us by email at info@efcomposites.com
These Vacuum ports/valves are specially designed and patented by EFC owner Bert Groenewoud
Tha can be used use with Hot bonders, in ovens, autoclaves on flat and curved surfaces.

Visit our [webshop](#) for more information!

B- Aluminium tap hammer



The B- Aluminium tap hammer, is used to detect delamination (separation of plies) and dis-bonds from the core in advanced composite structures.

This tap Hammer is a must have, for Composite Repair Technicians, Composites certifying staff Composite engineers and Quality inspectors to perform a correct damage assessment in thin laminates and metal bonded parts!

It is fabricated to OEM standard drawings and sizes and anodized for a better protection of the material. The material used is Alum type EN_AW_ 6082-T6
let us know if you want to order the B-tap hammer in larger quantities and ask us for a quotation
Coming soon; A tap-hammer lanyard with a B-tap-hammer plastic click-in holder

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