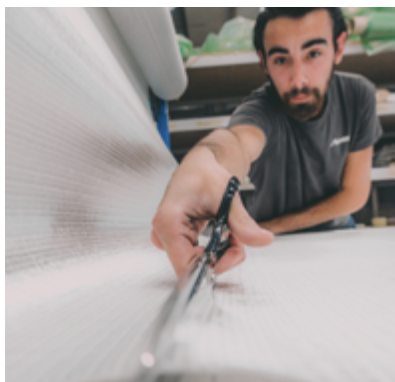




# LAY-UP MAN

“My fondest memory of AMEL is when we launched the latest AMEL 60 model. It was the first time I was involved in building a new boat, and an extremely beautiful sailboat at that.”



Lay-up is a very specialised technique involving **cutting out layers of raw materials, and laying them manually in a mould** to shape the part. The lay-up person's job is to prepare the fibreglass fabrics and cut them to the measurements specified on the drawings, so as to cover the entire hull or deck. **It takes several days of work** to cut and prepare all the material for a deck or hull.

**As part of a team of 3 employees, the lay-up person then works directly on the deck or on the hull. In the mould, he/she lays and applies glue to the fabrics.** Several days of work are required to complete this step. The process is the same as lamination but it uses dry, non-wetted fabric, which is glued down using a positioning spray. Each employee works on a delimited area (fore, midship, aft), since all three areas have to be fully laid-up and finished at the same time.

Once lay-up is complete, preparations for the infusion process can begin. **The lay-up person takes part in setting up a vacuum tarpaulin and preparing the patches allowing the resin to be infused.** It's a **highly versatile and high-precision job** that's rich in diversity and interesting because of the care the lay-up person has to take to achieve a flawless result.

## MISSION STATEMENT

- Cutting out fibreglass cloth strips according to the manufacturing drawings
- Laying down successive layers of fibreglass cloth (lay-up) on a mould to form the final shape of the part.

## REQUIRED SKILLS AND QUALITIES

- Must be proficient with composite materials processing techniques
- Must be familiar with the rules for obtaining quality composite materials: environment, mixing, material compatibility, etc.
- Must be proficient in reading and understanding manufacturing drawings
- Must show gestural ability and dexterity
- Must be able to work and communicate as a team

## CLÉMENT ESTEFFE

LAMINATOR, LAY-UP MAN

“In my opinion, the strong points at AMEL are team spirit and quality. That's why I decided to come and work at this yard.”



Retrouvez nos vidéos métiers sur : <https://amel.fr/en/sharing-our-savoir-faire>