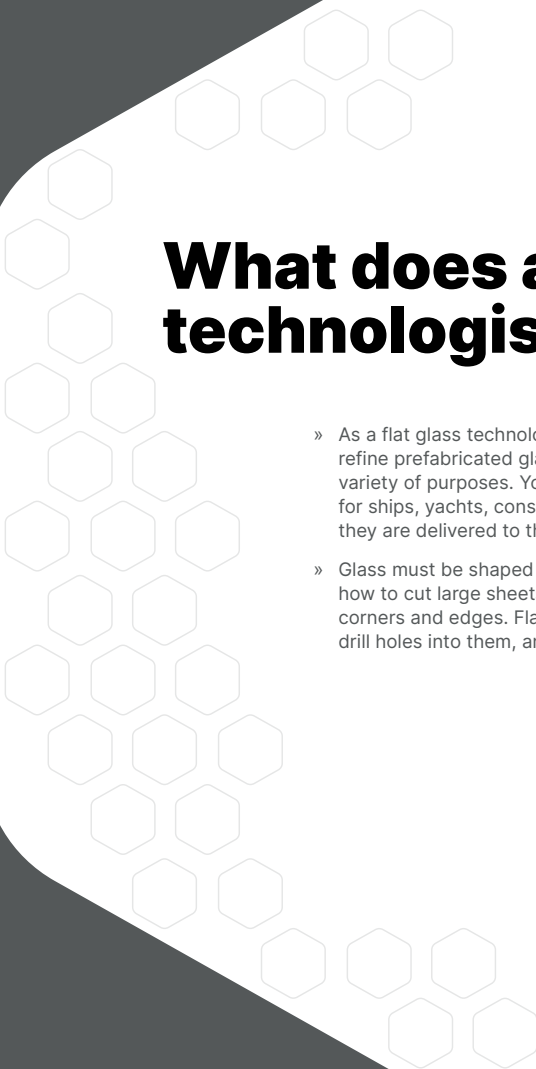




Flat glass technologist (m/f/d)

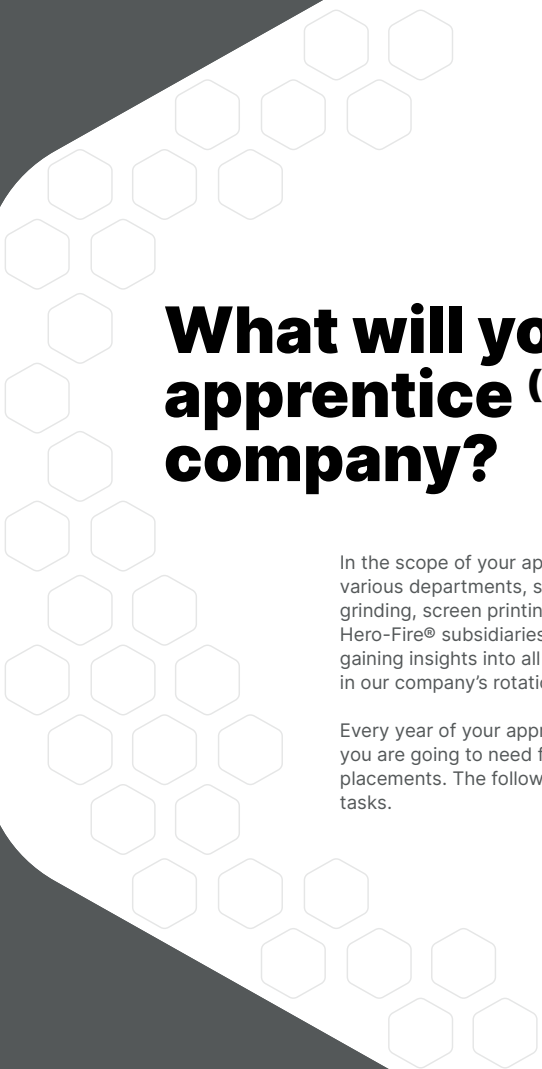
Information on the apprenticeship

A decorative pattern of white hexagons arranged in a grid-like fashion, primarily located on the left side of the white central area, extending from the top left towards the bottom left.

What does a flat glass technologist ^(m/f/d) do?

- » As a flat glass technologist ^(m/f/d) in the glass industry, you will process and refine prefabricated glass plates and panes so that they can be used for a variety of purposes. You will give windows, tables, doors, and even glass for ships, yachts, conservatories, and the like their final touches before they are delivered to the customer.
- » Glass must be shaped and sized to match the final product. You will learn how to cut large sheets of glass to the necessary size and expertly sand corners and edges. Flat glass technologists ^(m/f/d) also bend glass panes, drill holes into them, and heat them to achieve particular properties.



A decorative pattern of light gray hexagons arranged in a grid-like fashion, primarily located on the left side of the white content area, extending from the top left towards the bottom left.

What will you do as an apprentice ^(m/f/d) at our company?

In the scope of your apprenticeship, you're going to rotate through various departments, such as cutting, insulating glass production, grinding, screen printing, Hero-Form, and our Yachtglass® and Hero-Fire® subsidiaries. You'll periodically switch departments, gaining insights into all of them in turn. All of this will be organised in our company's rotation plan.

Every year of your apprenticeship will teach you all things that you are going to need for your daily work at your various training placements. The following pages provide an overview of those tasks.

Cutting

- » You will learn about the different types of flat glass and ornaments along with their uses. You will also learn how to cut these manually. Down the road, you will assist in operating the fully automated cutting machines.

Insulation glass

- » You will learn the production process of insulation glass. You will assist in operating the machines for double- and triple-glazed insulation glass. You will learn about muntin bar and pattern making, perform final inspection tasks, and package and load the insulation glass products onto racks.

Grinding shop

- » Du lernst vorerst kennen, wie das Glas manuell gebohrt, geschliffen, poliert und gesäumt wird. Im späteren Prozess geschieht dies durch das Bedienen der CNC-gesteuerten Maschinen. Zudem führst Du Qualitätskontrollen durch.

Tempered safety glass (Einscheibensicherheitsglas; ESG)

- » You will learn the process of producing tempered safety glass. You will contribute to furnace operation and check the quality of tempered glass. You will also prepare the glass for shipment. Zudem kommissionierst Du die Gläser für den Versand vor.



Laminated safety glass (Verbundsicherheitsglas; VSG)

- » You will learn the production process of laminated safety glass. You will learn to choose from the different types of film and about their storage. You will operate and monitor the machines, perform rework and final inspections.

Screen printing / digital printing

- » You will get an overview of the selection of screens for the printing process and learn how to mix the different ceramic colours. You'll learn how to operate screen printing machines, perform touch-ups, and conduct quality control. Digital printing will also include digital control of the application of ink and its precise application to the glass.

Glass bending

- » You will learn the process of glass bending, shaping glass using drawings and templates, and the right choice of furnace. You will learn about the temperature limits, how to check the glass products for accuracy, and, if necessary, refine them by hand.

Frosting

- » You will become familiar with the frosting process. You will mask the glass with protective film and manually perform the sandblasting on the machine. You will inspect the glass for final quality control and rework it if necessary. You will also learn how to complete UV bonding work.

Maintenance

- » You will learn how to service machines and equipment, troubleshoot malfunctions, and complete repairs. You will gain insights into the construction and commissioning of machines and equipment.

Assembly

- » You will learn how to measure all-glass systems, showers, and backslashes, and how to convert the readings into production data. You will assist with assembly of the glass structures and learn about and how to install common fittings and profiles.

Yachtglass®

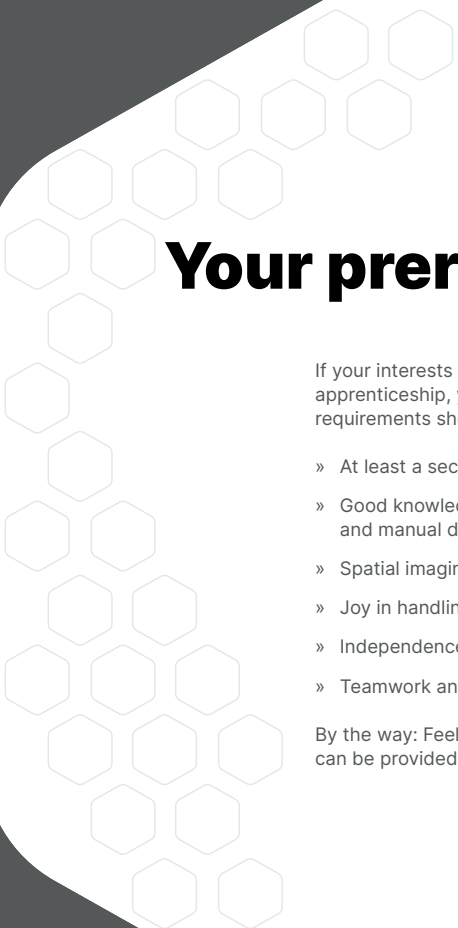
- » You will learn about the areas of activity and production processes at Yachtglass®, gain insights into the process of chemical glass hardening, understand how films are embroidered, and how visual quality controls take place.

Hero-Fire®

- » You will learn about the areas of activity and production processes at Hero-Fire® and help with the production of fire-resistant glass.

Training workshop

- » Our training workshop will teach you the knowledge and skills needed in the craft of glass processing in greater detail.

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Your prerequisites

If your interests and favourite subjects align with the tasks of this apprenticeship, you already have the best prerequisites. The following requirements should be met:

- » At least a secondary school leaving certificate (*Hauptschulabschluss*)
- » Good knowledge of maths and technology, technical comprehension, and manual dexterity
- » Spatial imagination
- » Joy in handling technical devices
- » Independence, ability to work hard, and a sense of accountability
- » Teamwork and communication skills

By the way: Feel free to ask questions you may still have. Many answers can be provided in a personal conversation.

A few more details

- » We have been training apprentices in this profession since 1984 and keep adapting the practical tasks to the training framework.
- » This is a dual training programme that takes place both in the training company and in the vocational school.
- » Vocational school lessons take place in block courses.
- » You will attend vocational school in Wertheim, near Würzburg, three times a year.
- » The training lasts 3 years.
- » If you are not certain that this is the right apprenticeship for you, you can try an internship with us to learn more.

If you have any questions beforehand:

Feel free to call us on +49 (0)4963 915 1090 at any time, send a WhatsApp message to +49 (0)152 227 915 90, or email your contact Mrs Veronika Ross directly (bewerbung@hero-group.com).



**Good reasons
to choose an
apprenticeship at
the Hero-Group**

Your benefits:

- » Trainee pay above the collective bargaining rates
- » €40 net extra per month in the form of tax-free campaigns
- » Either a Netflix or Spotify account – choose which you prefer
- » Free schoolbooks – we will cover the costs for these
- » Coverage of accommodation and travel expenses for attending block courses in Wertheim

What we offer

- » Introductory days with all newly started trainees
- » Periodic feedback sessions
- » Apprenticeship in a training company with over 50 years of experience and commitment
- » Trainee projects
- » In-house training
- » An opportunity for stays abroad
- » Custom further and additional training opportunities in the form of technician/master craftsman, business or commercial specialist qualifications, etc.

In addition to our trainees, all employees enjoy

- » our company health management program with, amongst other things, regular health campaigns.
- » further training
- » E-bike leasing
- » corporate events
- » capital-formation benefits
- » company pension scheme
- » free electric vehicle parking spaces
- » employee discounts
- » flexible working hours

About us



Our company was founded by Hermann Ross in the 1970s. A simple glass processing company with two employees quickly developed into a company with innovative technology and personal commitment.

Today, our group of companies has a headcount of over 300 people. Personal commitment and our passion for glass haven't changed at all over the years. We are, and remain, a family-owned, medium-sized company. Good work and long-term partnerships are important to us. This applies to our customers but is also a matter of course towards our employees. Our employees are decisive for the quality of our work. This is why we place great emphasis on the quality of their training.

Summary of our features



» has always formed the basis of our glass processing business. Upon arrival, our raw material unprocessed float glass will pass through various departments to be processed precisely in a variety of ways. Our modern production facility in Dersum comprises all processing steps required for modern glass processing: cutting, insulation glass, grinding, tempered safety glass (ESG), laminated safety glass (VSG), screen and digital printing, curved glass, and frosting. Depending on order, the glass must pass through one or several departments before it reaches its final state as a high-quality product and can be shipped. The finished product is then sent to our customers throughout Germany and worldwide. Our production site in Dersum that supplies all of Hero Group offers a significant advantage thanks to short distances and efficient internal supply chains. This saves time and costs and enables us to combine the expertise of all company divisions, enabling us to implement customer projects to their complete satisfaction.

There's a lot that can be done with the material of glass. This has allowed us to grow by two additional companies over the years.



Yachtglass

- » has offered glass systems for the international shipbuilding and yacht construction industries for more than two decades. Our services comprise not only glass production, but also surveying, installation, collaboration with classification societies, and annual onboard service and maintenance. All of this always takes place with the utmost commitment to outstanding quality, complete professionalism, and discretion.



Hero-Fire

- » specialises in development of fire-resistant glass. We develop glass structures with transparent layers that foam up when exposed to heat in the event of a fire for this purpose in order to achieve exceptionally high insulation effects. This offers effective protection against smoke and heat radiation for up to 120 minutes.

Cheat sheet ;)

We have compiled a checklist of all the important things to consider to make sure that your application is well received:

- » Submit your application approximately one year before the start of your apprenticeship (you can find the precise deadlines for our apprenticeships on our website)
- » Make sure that your application documents (cover letter, CV, certificates) reach us in a complete, tidy, and clean package
- » Your cover letter should be informative and include a brief personal introduction, your motivation for the training, and a description of your skills
- » Your CV should include your special knowledge and skills (e.g., any extracurricular activities, language courses, etc.)
- » Pay attention to correct spelling and grammar
- » For online applications, email your documents in PDF format to bewerbung@hero-group.com
(There is no need to also send the originals by mail)

Wir freuen uns auf Dich!



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