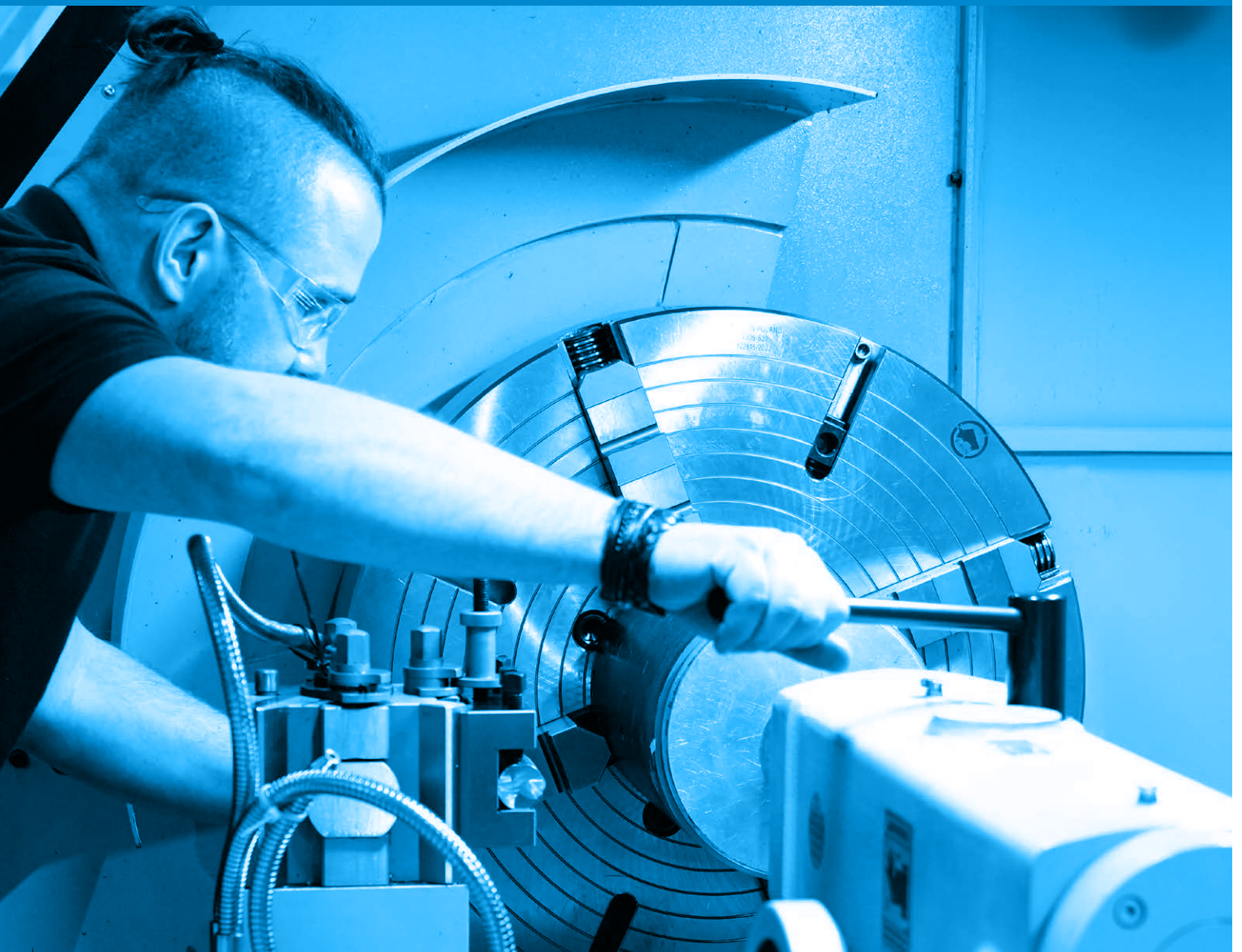




# Valve & Actuation Training programme

Expert-led valve and actuation training programme  
for hands-on, tailored industry education.



# Expert-led training in valve and actuation operations

Our Valve and Actuation Training programme offers comprehensive, hands-on education tailored to your needs, using our industry-leading products.



With years of experience in developing training courses for our own team, we have designed these sessions for both existing and prospective customers. This free training provides in-depth knowledge on the operation, maintenance, and optimisation of our valves and actuators. Whether you're looking to enhance your team's technical skills or ensure safe and efficient system performance, our expert-led courses will equip you with the tools and confidence to succeed.

Contact us today to learn how this training can benefit your organisation



## Benefits

Advance your professional development

Strengthen your team's technical expertise

Provide robust support for industry newcomers

Receive hands-on, tailored education with our industry-leading products

Develop in-depth knowledge of our products and services offering

Ensure the safe and efficient performance of installed systems

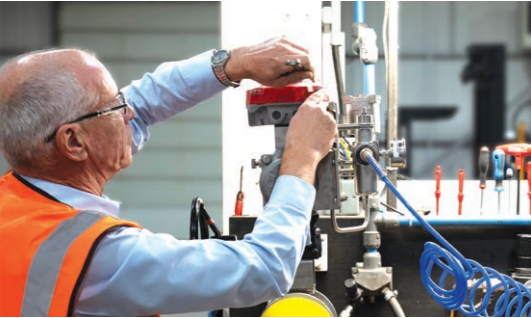
Learn the operation, maintenance, and optimisation of our valves and actuators in detail

Training is delivered at our dedicated facilities

# Explore our training courses

Find the course that interests you most and best supports your professional development.

We offer a wide range of options, from foundational basics to advanced and technical aspects of valve operations and maintenance. Feel free to contact us to learn more about our courses or to ask general questions about our wider valve products and services.



## Beginner



Three beginner courses can typically be completed in half a day.

- Before we do valves
- Manufacturing methods processes
- Floating ball valves for beginners
- Introduction to Starline and Pekos
- Plug valves
- Globe valves
- Gate valves
- Knife gate valves
- Diaphragm and pinch valves
- Concentric butterfly valves
- Check valves
- Reading a test certificate - Beginner

## Intermediate



Two intermediate courses can typically be completed in half a day.

- An introduction to valves
- Floating ball valves - Intermediate
- Seats and seals - high pressure
- Seats and seals - low temperature
- Trunnion mounted ball valve
- Double offset butterfly valves
- 3 way porting configurations
- Testing
- Reading a test certificate - Intermediate
- Actuator training

## Advanced

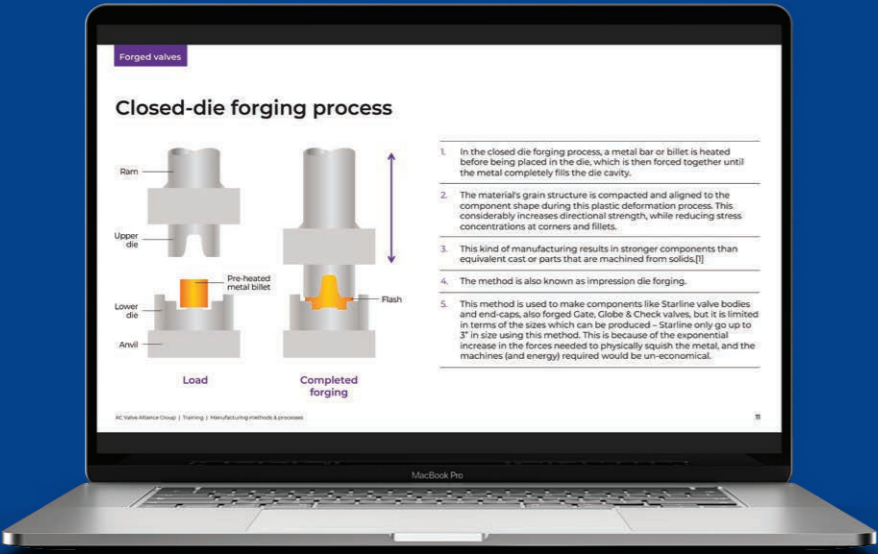


One advanced course can typically be completed in half a day.

- Elastomers (O-Rings)
- Perar double piston effect seats (DPE)
- API6D
- Bolting
- Actuators vs valves
- Triple offset butterfly valves
- Specific applications
- Hydrogen
- Fire testing and certification
- National Gas standards
- Cryogenics
- Safety relief valves
- Pneumatic actuation
- Electric actuation
- Hydraulic actuation
- Galli & Cassina double expanding API 6D plug valves

Bespoke training can be offered to suit your individual requirements

Closed-die forging process - Manufacturing Methods training course



# Additional course information



## Cost of course

We offer a selection of free courses for both existing and new customers. Additionally, we provide a wide range of in-depth training programmes tailored to suit various budgets. Contact us to discuss your training needs and find the right course for you.

[training@acvalvealliance.com](mailto:training@acvalvealliance.com)



## Accommodation

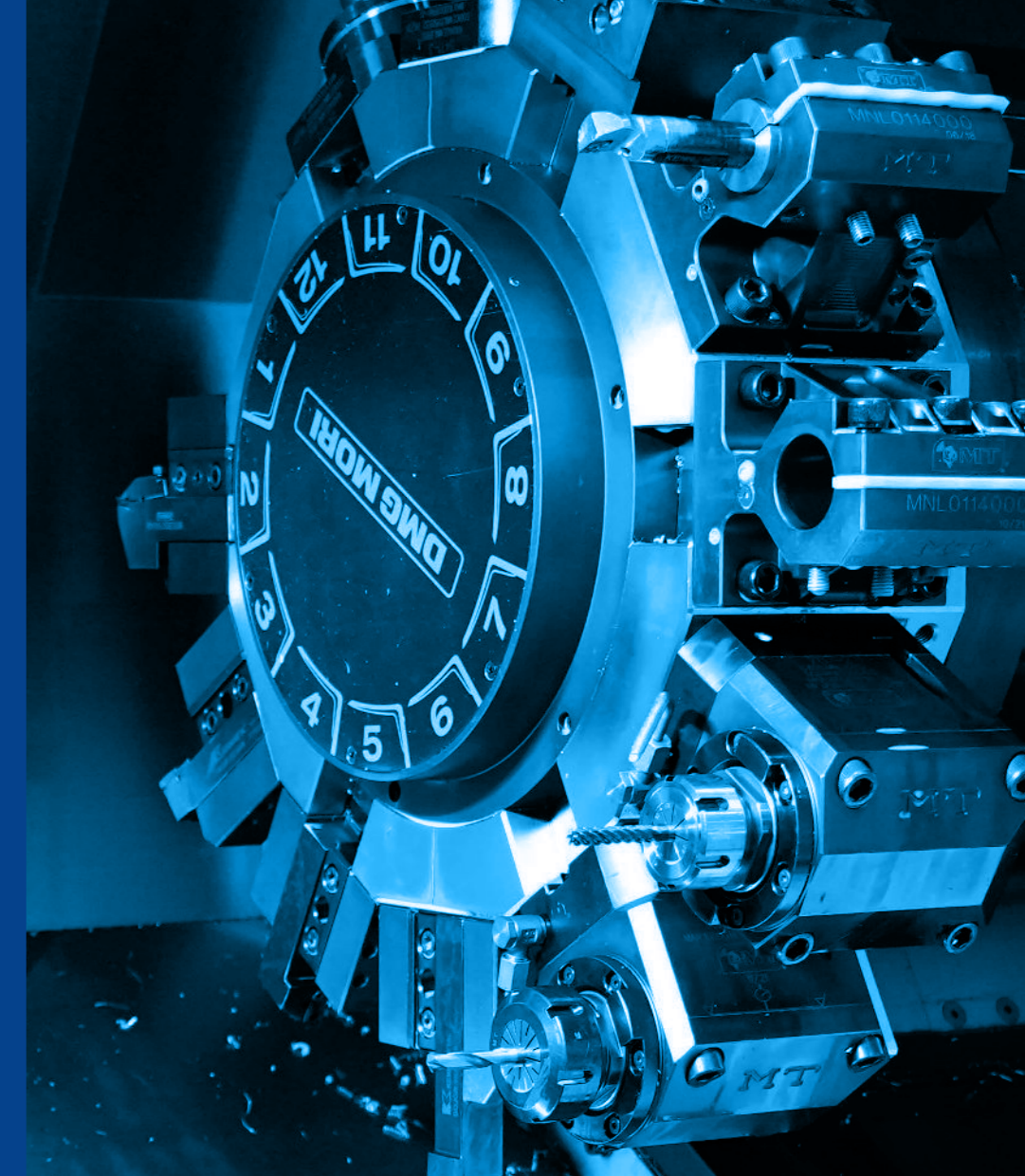
We recommend the following hotels at competitive rates: The Field Head (5 minute drive to AC Valve Alliance offices), Holiday Inn at St Nicholas Circle (30 minute drive) and Novotel Leicester located near the city centre (30 minute drive).

If you wish to stay in the city centre, we recommend the Holiday Inn and Novotel Leicester hotel venues. We can also suggest an assortment of restaurants and cafes to suit a variety of tastes and preferences.

## Meet your training facilitator



**Nick Papworth**  
Technical Manager



## Enhance your skills at our dedicated valve automation facilities

Experience hands-on training at our dedicated valve automation facilities, where you can explore our extensive valve stock, meet the team behind AC Valve Alliance, and witness our in-house engineering department in action.



## See our stock

We offer one of Europe's largest and most comprehensive valve stock ranges, with pre-made and custom solutions available for immediate delivery. Our extensive inventory meets diverse needs, while our custom manufacturing ensures tailored solutions for unique applications, minimising downtime and maximising efficiency.



## Meet the team

From testing, manufacturing, pipe skids through to our documentation team, our team of experts are here to answer your questions through our training courses, guided by our team of professionals.



## In-house engineering department

Take a tour around our valve and automation facilities which include our comprehensive testing offering, valve modification, actuation services, valve manufacturing and pipe skid fabrication.

**AC Valve Alliance Group**



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