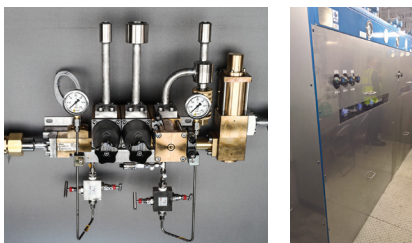
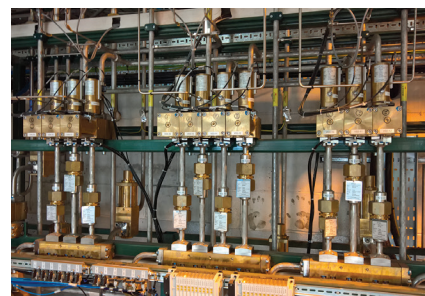




Automatic Cylinder Filling Solutions

The IGPH Group are world leaders in the design, engineering and delivery of Cylinder Filling turnkey projects to the Industrial Gases sector, providing guaranteed, risk free solutions to maximise the return on investment for our customers.





The IGPH Group are world leaders in the design and manufacture of high technology Cylinder Filling Solutions.

Our leading objectives for every solution are to deliver increased; Safety, Reliability, Repeatability, Efficiency and Lowest Operational Cost.

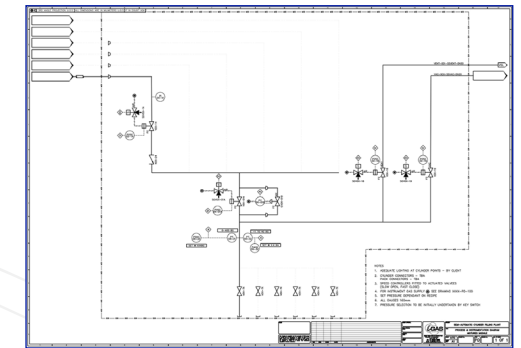
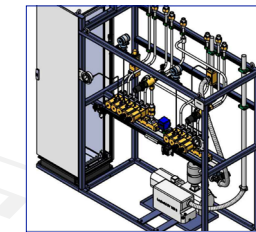


Safety, Quality & Technology

- European engineering and manufacture
- 100 years combined experience in Cylinder Filling Solutions
- AiFill leading edge plant control and automation
- ISO 9001 - Project process (iProject) and manufacture
- Design authority
- ATEX/IECEX
- Safety requirements specification to comply with IEC 61511

Total Engineered Plant

- Process design
- Safety studies
- Mechanical design
- Instrument and Electrical design
- Factory Acceptance Testing (FAT)
- Commissioning documentation
- Operating and Maintenance (O+M) Manual (English/Chinese)
- Installation Management - Optional
- Commissioning and training



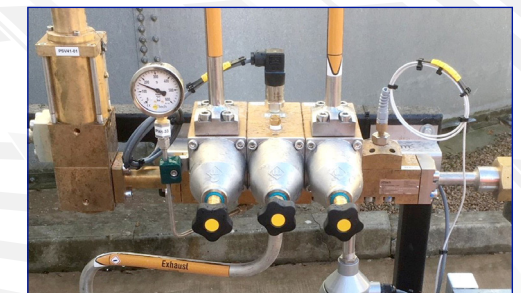
Ai-FILL Plant Automation

- Multi-language (English/Chinese as standard)
- Filling control
- Complete plant visibility
- Easy configuration
- Easy filling recipe generation
- Pump control
- Auto generated fill records
- Remote, secure, global support



Line Safety Manifolds

- Pressure and Temperature Safety
- System filtration
- Buffer control
- Other options available



Filling Modules

- Automatic process
- Pressure / Temperature Compensated
- Multi-Fill pressures
- Gravimetric (CO₂ & N₂O)
- Also available;
 - Mass Flow
 - Dynamic blending
 - Manual



Filling Stations and Ramps

- Pallet filling stations
- Walkway design for local fabrication
- Linear racks
- Mobile trollies
- Single Cylinder / gravimetric



Our Project Locations



The IGPH Group has more than 100 years' combined expertise in the engineering, design and manufacture of equipment and full turnkey plant solutions for global cylinder filling clients. Each member is a specialist in its' own right delivering world leading **Cylinder Filling** equipment & solutions.



www.aeroflex.co.uk



www.filltech.de



www.igas-ts.com



www.krytem.com



www.m-tech-gmbh.com

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