

GF Piping Systems



Data Centers

# Stay cool with piping systems training

Customer reference: Kirby Group Engineering

Professional training for mission critical cooling systems.





# GF Training during COVID-19 challenge ensures highest possible quality standards

GF Piping Systems has been chosen as key supplier for a data center being constructed north of Zurich airport. Despite a year of Covid related challenges affecting particularly around logistics and on-site organisation of working teams, the project is scheduled to be completed on time.

## Project background

The international mechanical and electrical contracting company Kirby Group Engineering, which was established in Ireland in the 1960's, provides full service mechanical and electrical engineering contracting capability for data centers. Kirby and GF Piping Systems have been successfully working together for over 10 years. Kirby started construction of the 10MW cooling capacity data center in 2020, 15 km north of Zurich, Switzerland. For data centers, the cooling plant is mission critical. Finding professional qualified personnel is one of the biggest challenges for international project delivery and in 2020, COVID-19 has only exacerbated this challenge. Kirby continuously ensures that their contractors and personnel installing the cooling system are trained and certified correctly. The ever increasing time pressure on construction sites means that installers have to work quickly and accurately – every step in the process needs to be precisely planned and executed, all personnel need to be trained on how to handle jointing and installation of materials – whether they are traditional metals or more advanced engineered plastic systems.

## Selected technical solution

Kirby chose the local service support package of fast and reliable handling, deliveries, and training from GF Piping Services, Switzerland. To ensure the installation of the plastic pipes was performed correctly, Kirby entrusted the company to provide butt fusion and electro-fusion training in-house and on-site for GF ecoFIT PE-100 fittings and pipes to the Kirby installers (MSA 2.1 & SG160 machine training). For maximum quality control, Kirby ensures the installer places a label on each weld, identifying welder, cooling time and time of joint. Every weld is checked by a second trained installer to ensure best possible quality control.

## Achieved improvement

Kirby successfully progressed with the data center build schedule as originally planned, even during a difficult year, acquiring the necessary professionals with required training and certifications. At GF Piping Systems we ensure that all engineers and installers are aware of the technical parameters of the systems to guarantee a smooth, timely and reliable installation and commissioning. Kirby also appreciated the local service support package: Fast and reliable handling of orders and ecoFIT PE-100 system training that ensured the plastic piping systems were built to the possible highest quality standards.

## Your contact

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GF pipes on site, data center construction near Zurich (Switzerland).



Managing the extra challenges on site during COVID-19.

## Customer benefits

- **GF Piping Systems instruction courses teach installers essential knowledge for the welding of pipes and piping components, as well as in-depth understanding of butt and electrofusion jointing**
- **Training in-house and on-site; GF Piping Systems now also offers virtual training**
- **The training can be given in different languages**
- **Fast and reliable delivery to site**

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