



PROVIDING SAFETY SOLUTIONS WORLDWIDE

# Providing Safety Solutions for the Global Water Industry



- FLEXIBLE SOLUTIONS FOR ALL TYPES OF SAFETY HANDRAILS, RAILINGS AND BARRIERS
- HIGH CORROSION RESISTANCE, STRENGTH & DURABILITY
- NO WELDING, THREADING OR BOLTING REQUIRED
- AVAILABLE WORLD WIDE



FM36179



## Kee Klamp® Components



**KEE KLAMP** fittings are innovative and versatile products that are used in the construction of safety handrails, railings and barriers. The fittings are hot dip galvanised cast iron for optimum corrosion resistance, strength & durability. Each component can support an axial load of 900 Kg and includes safety factor 2:1.

**KEE KLAMP** fittings allow quick and simple connection of lengths of standard tubing to form fully modular framework structures.

### Features of KEE KLAMP

- Pre-galvanised cast iron fittings
- Comprehensive range
- No welding, threading or bolting required
- TÜV approved

### Benefits of KEE KLAMP

- High corrosion resistance, strength and durability
- Unlimited applications
- Simple, quick and cost-effective assembly
- Can be used with absolute confidence

## Kee Lite® Components



**KEE LITE** fittings are manufactured from a high grade Aluminium Silicon Magnesium alloy. The components are strong yet light, and extremely durable even in harsh environments. They are only one-third the weight of iron fittings, with about 90% of comparable tensile strength.

The **KEE LITE** range suits a wide range of projects, including guardrailing, staircases, ramp handrailing and barrier protection.

### Features of KEE LITE

- Made from high grade Aluminium
- Wide range of components
- No welding, threading or bolting required
- TÜV approved

### Benefits of KEE LITE

- Lightweight and superior corrosion resistance
- Unlimited applications
- Cost-effective alternative to welding
- Can be used with absolute confidence

## Safe and cost-effective installation

All **KEE KLAMP** and **KEE LITE** fittings include an integral socket grub screw which locks the fitting securely onto its tube, eliminating the need for welding or specialist installation skills and creating a strong, stable and safe guardrailing structure.



## 'Kee' Player in the Water Industry

Waste & Water Treatment facilities require corrosion-resistant, durable, and heavy-duty solutions due to withstand outdoor exposure and everyday use. **Kee Safety** products easily meet these requirements.

We have supplied safe handrails and railings to many wastewater treatment plants around the world: in Australia, Canada, Malaysia, United Arab Emirates, Greece, Spain, Lithuania and many more.

**Kee Safety** provides technical advice, a design support service and has a world wide network of distributors. If you have a major project requirement we can offer a full design and installation service through our **KEE PROJECTS** division, assuring you of a safe installation fully compliant with all major standards and statutory requirements.

### Europe's Biggest Sewerage Plant

The perfect showcase for the versatility of **Kee Safety** fittings is the Psyttalia Wastewater Treatment Plant – Europe's biggest sewerage plant and one of the largest internationally.

The plant is situated on the island of Psyttalia, 2.2 kilometres south of the Athens suburb of Keratsini, and it treats the lion's share of Athens' wastewater (about 1 million cubic metres of wastewater per day).

**Kee Safety**, together with its main Athens distributor, Gioxas S.A, supplied a number of different types of **KEE KLAMP** fittings for this impressive installation. A major part of the plant's construction has involved the creation of a series of aeration tanks, orthogonal, primary sedimentation tanks and sludge post-thickening storage tanks.

Over 22,000 metres of guardrailing were connected together by **KEE KLAMP** fittings, ensuring optimum safety and secure handhold for treatment works employees tasked with maintaining and monitoring the plant.

One of the key challenges faced on the project was the many changes in angle required around the perimeter of the various tanks. With the most comprehensive range of fittings on the market, we were able to comfortably accommodate the resulting changes in guardrailing direction required by the specification.

The versatility of **KEE KLAMP** fittings also helped ensure that all the guardrailing could be cost-effectively assembled in double-quick time and with the minimum of installation difficulty.



# Kee Safety Across the Globe



*Navarra, Spain*



*Vandenvala, Lithuania*



*Hambledon Weir, UK*



*Melbourne, Australia*



*Tennessee, United States*



*Alberta, Canada*



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