

# BESPOKE TRANSFER HATCHES



Class 5, 7, 8 & CNC



Press play for video content



## THE CLIENT

Elis Cleanroom – global multi-service company that design, develop and provide bespoke solutions for flat linen, workwear, hygiene and well-being products, as well as cleanroom services, pest control and medical waste management.

## THE BRIEF

The Guardtech Group were engaged to construct a cleanroom laundry at Elis' new facility in Knutsford, Cheshire – featuring bespoke transfer hatches. The facility was made up of two distinct zones: seven cleanrooms with classifications ranging from ISO5 to 7 and 8, as well as a larger CNC zone. Initially, our large-scale turnkey arm Cleanroom Solutions were brought in by a principal contractor to solely develop the cleanroom aspect of the facility, but when it became apparent that the original principal contractor was unable to fulfil all the necessary requirements, the Guardtech Group stepped in to assume full responsibility of the project.



Cleanroom Laundry



19+/-2 C  
50-60% RH



850m<sup>2</sup>



**“Innovative, bespoke design and stunning aesthetics...”**

Senior Project Manager Dan Baxendale said: “I’d like to pay tribute to everyone who contributed to this project – from Installation Manager Wayne Smith and civil works expert Besjan Musaraj to the wider Guardtech Group team. We inherited a massive project full of potential pitfalls from the previous contractor and worked so diligently to turn it all around and deliver a first-class facility that marries innovative, bespoke design features with stunning aesthetics.”

**Dan Baxendale**  
Guardtech Group  
Senior Project Manager



**Guardware**  
cleanroom hardware



🏠 Guardian House  
Unit 1A Homefield Road,  
Haverhill, CB9 8QP

☎ 0330 113 0303

✉ sales@guardtech.com

📍 www.guardtechgroup.com



## THE FIT-OUT

We delivered bespoke garment transfer hatches to help the client in achieving their mission for circular services of hygiene, wellbeing and protection.

Further to this, stainless steel full-length mirrors were wall mounted and non-perforated stainless steel tables were pickled and passivated to ensure a sound finish was produced. We also provided 316 stainless steel shrouded sinks, stainless steel coat hooks, paper towel dispensers, glove box dispensers, multipurpose dispensers, stainless steel seating benches, 316 stainless steel shelving and stainless steel bins.

**Hatching plans:** our Design Team closely consulted with the client to ensure we effectively captured their processes, giving us the best possible platform to deliver a facility that operated exactly as they needed it to. This included the design and manufacture of bespoke transfer hatches for moving their garments between the cleanroom space, via trolleys, into the outer CNC zone. Their 'open slots' allowed

clean air to escape into the CNC side and be recirculated. Our unique, bespoke hatches allowed leakage rates to be controlled in a manner that far exceeded the process that had been in place before our innovation.

Senior Project Manager Dan Baxendale said: "I'd like to pay tribute to everyone who contributed to this project – from Installation Manager Wayne Smith and civil works expert Besjan Musaraj to the wider Guardtech Group team. We inherited a massive project full of potential pitfalls from the previous contractor

and worked so diligently to turn it all around and deliver a first-class facility that marries innovative, bespoke design features with stunning aesthetics. "We now feel like we have several sub-teams within the Group with the resolve, knowhow and experience to take on comprehensive, all-encompassing projects like this without hesitation. We can cover clients needs in fine detail to provide them with a game-changing experience to achieve their goals." "Everyone at the company, and I mean everyone, pulled together to turn a nightmare scenario into something beautiful and I'm so grateful for the support of the Guardtech Group family."

