

The Happold Foundation



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DEC! Qualification

This letter is to confirm the support of The Happold Foundation for TQUK's suite of qualifications "Design Engineer Construct! The Digital Built Environment" as follows:

TQUK Level 1 Certificate in Design Engineer Construct! The Digital Built Environment

TQUK Level 2 Certificate in Design Engineer Construct! The Digital Built Environment

TQUK Level 3 Certificate in Design Engineer Construct! The Digital Built Environment

TQUK Level 3 Diploma in Design Engineer Construct! The Digital Built Environment

We welcome the opportunity to recommend that these qualifications are acknowledged by Government as valid, rigorous, and worthy of recognition for performance table points, giving them academic equivalency and thereby encouraging their uptake in schools.

At the Happold Foundation, we want to make sure that we as engineers fulfil our potential to improve lives and communities around the globe. To make this happen, we need creative, enthusiastic and talented young people to join us in the industry. That's why we are committed to working with schools and colleges to ignite that first spark of intrigue in the built environment.

Moreover, the UK's engineering industry is facing a skills shortage of unprecedented levels. There is a need to not only equip young people with the skills to address this but more fundamentally to increase the awareness of young people as to a range of possible careers in the built environment. Engaging a broad range of young people, from diverse backgrounds, across the UK will underpin the solution to this challenge.

The Happold Foundation was established in 1995 by the late Ted Happold, along with the other founding partners of BuroHappold Engineering. The Happold Foundation is a registered charity with an independent Board of Trustees from a number of different organisations. BuroHappold is an international, integrated engineering consultancy operating in 23 locations worldwide, with over 50 partners and 1,800 employees.

The Happold Foundation, BuroHappold as well as our external collaborators see DEC! as a pathway into a range of engineering job roles including civil and structural, building services as well as specialisms including sustainability and physics, acoustics, inclusive design and many more established and emerging professional fields within the sector. The Digital Built Environment course is vital in equipping young people with the skills to enter into these roles which are rapidly being shaped by developments in digital design.

Linked to our continued support of DEC!, the Happold Foundation awards a number of student scholarships. The funding and experience offered as part of the scholarship supports a group of young individuals to take further steps towards a future career in engineering. BuroHappold also supports a number of apprenticeships across the UK.

Across BuroHappold's UK teams, there are approximately 500 individuals who have received professional accreditation (i.e. have achieved chartered status) across 69 professional bodies. DEC!

provides a fantastic opportunity for aspiring engineers to engage with these professionals and start their own journey towards such professional qualifications.

We have actively supported schools offering the Design Engineer Construct! learning programme and qualifications for a number of years, and recognise their worth in the education of the next generation of young professionals.

Through engaging young people with the built environment in their local community we have seen first-hand how the learning programme is able to inspire curiosity. We support Design Engineer Construct! as an integral part of our own aspirations as well as part of the solution to the UK's skills shortage.

Kind regards on behalf of the Happold Foundation

A handwritten signature in black ink, appearing to read 'F. Anderson', written in a cursive style.

Fergus Anderson
Trustee, Engineering Futures lead
Happold Foundation

A handwritten signature in black ink, appearing to read 'EMcDonald', written in a cursive style.

Emily McDonald
Building Structures Regional Director
BuroHappold Engineering