

# The Technical Apprenticeship Consortium



## INTRODUCTION TO THE TECHNICAL APPRENTICESHIP CONSORTIUM (TAC)

Since its inception in 2010, the Technician Apprenticeship Consortium has brought together engineering consultancy firms, enabling them to meet their business needs through recruitment and training of apprentices.

Apprentices are, and remain, at the centre of everything that the consortium delivers.

TAC has successfully designed and delivered an Apprenticeship Programme with over 1,400 apprentices across the Engineering and Built Environment sectors, with apprentices being professionally recognised as Engineering Technicians (EngTech) in several professional engineering institutions.

However, as industry requirements and Government policies changed, 2017 saw the consortium developing and introducing two level six engineering apprenticeship standards, embedding Incorporated Engineer (IEng) professional registration for the first time.

In 2018, the Technician Apprenticeship Consortium decided to rename to reflect its role beyond its traditional technician remit, and into other sectoral needs, reflecting the needs of its members.

This programme has been driven and funded by 13 dedicated Member Companies.

## OUR PURPOSE

The purpose of the Technical Apprenticeship Consortium (TAC) remains:

- To bring together engineering consultancy firms, enabling them to meet their business needs through recruitment and training of apprentices.

## STRATEGIC OBJECTIVES

TAC members have apprentices with the right skills and knowledge to contribute effectively to the delivery of projects to quality, time and cost through which TAC will:

- Provide and support Apprenticeships for the Built and Natural Environment Industries, meeting the needs of the member companies TAC represents. By doing so, it will help address the identified gap in future skills; and
- Provide a work-based route for apprentices through Apprenticeship Standards to obtain technically focussed qualifications leading to membership of, and/or registration with, the appropriate professional institutions at appropriate levels.

## OUR FOUR MAIN PRINCIPLES

### Attract and Recruit the Right People

- Talented people are made aware of apprenticeship opportunities within TAC companies, including under-represented groups such as females, ethnic minorities and those from disadvantaged backgrounds.
- TAC companies are able to successfully recruit apprentices to fulfil their business requirements.
- The recruitment process is efficient, effective and fair and recognises the benefits brought by the consortium approach.

## Train and Retain Apprentices

- Apprentices are mentored in a professional and consistent manner, achieving professional institution membership at the end of their apprenticeship.
- Employers share knowledge to support and inform decision making with levy and non-levy funding.

## Maintain High Quality and Consistent Provider Provision

- Ensuring agreed standards are in place with colleges, universities, training providers and awarding bodies.
- Continually monitor the performance of providers.
- Training and development is consistent.

## Develop Apprenticeships and Progression Routes

- Broaden availability of apprenticeships across a range of engineering, built and natural environment disciplines working with professional institutions, awarding bodies and education providers.
- Ensuring access to apprenticeships and their supporting qualifications to meet current, future and emerging skill needs.
- Ensuring seamless progression routes are available to individual apprentices.

“Apprenticeships are a great way to learn whilst gaining experience in the specific industry that you want to be involved with and enjoy doing. I have already learnt a lot about the building services engineering industry which I could not have known or learnt about if I had gone to sixth form.”

- Rupinder Kooner, (21 years old), WSP



**Troup Bywaters + Anders Apprentice**

We have been inspired by our apprentices. They are a breath of fresh air to the office and their enthusiasm and passion for learning has become infectious. The apprentice's commitment and growth has been outstanding and make looking to the future of Clancy Consulting an even more exciting prospect.”- Clancy Consulting

## PARTICIPATING COMPANIES AS OF November 2019

AECOM

Atkins (SNC Lavalin)

BDP

Clancy Consulting

Crofton

Hoare Lea

Mott MacDonald

Peter Brett Associates, now a part of Stantec

Tony Gee and Partners

Troup Bywaters + Anders

TSP Projects, now a part of Systra

Waterman Group

WSP

## ALSO INVOLVED IN THE CONSORTIUM

Institution of Civil Engineers

Chartered Institution of Building Services Engineers

Chartered Institution of Highways and Transportation

Institution of Engineering and Technology

Society for the Environment

National Apprenticeship Service

Institute for Apprenticeships and Technical Education

Engineering Council

Transport for London

Pearson

## TRAINING PROVIDERS INVOLVED

Bedford College

Bridgwater and Taunton College

Leeds College of Building

Norwich City College

Solihull College and University Centre

South Thames College Group

STEGTA

United Colleges Group

Aston University

Coventry University

Kingston University

Leeds Beckett University

Liverpool John Moores University

London South Bank University

