

Advanced Apprenticeship

Welder

In the role of Welder in BAE Systems (Submarine Solutions) Individuals will gain welding experience ranging from Pipe welding (gas tungsten arc welding) to structural welding (flux core arc welding). Initial training is conducted over a 12 week period, this occurs after completion of the Performance Engineering qualification at Furness College. Six weeks will be spent training in each of the welding disciplines (gas tungsten and flux core arc), on completion individuals will then be selected for an appropriate welding position.

On completion of training, all individuals will be MOD qualified and Lloyds accredited for all positioned work, i.e.; vertical, downhand, horizontal and overhead.

Pipe welders will be trained in mirror welding, also semi – automatic machine pipe welding (orbital). When individual have acquired these skills it ensures that individuals have been trained to some of the highest standards possible. There will be opportunities to work on submarine structures ranging from missile tubes to the Nuclear Reactor casing. Pipe welders will be responsible for welding large & small bore pipes in numerous materials throughout their training.



The first year of the programme is a full time college course completing the Performing Engineering Operations (PEO) a level 2, NVQ qualification. Whilst undertaking this you will learn the basic skills of using hand tools before moving on to the operation of machinery. You will also be educated in Health and Safety requirements whilst in the workplace. Five Key Skills qualifications will also be achieved in the 1st year at level 2.

In the second year you will be introduced to the Company and begin 12 months of department placements, each placement lasting for 3 months. During this time you will start to learn about the structure of the company and will be given an insight into the world of Engineering. You will also attend

college one day a week on day release where you will be working towards gaining your two year academic qualification (Advanced Diploma Level 3) . As you progress in the company you will be working towards a NVQ Level 3 in Marine Engineering proving competence in your chosen discipline.

Throughout your apprenticeship you will be given opportunities to partake in extra curricular activities such as the Apprentice Innovation Challenge this is run in association with the UK's partner charity who present a mechanical and electrical challenge to our apprentices throughout the UK. There is also the Company Ambassadors scheme, where individuals get the opportunity to go back to their former school and pass on experience and knowledge which has been gained while working in BAE Systems.

Further Education is actively encouraged by the Company and individuals will be given the opportunity to further their studies Those showing outstanding commitment and promise will be fully supported and qualifications leading up to degree level are attainable.



Application is via the BAE Systems website, by completing the on line application form at the link below. Successful applicants will be contacted and informed of the next stage of the application process which involves aptitude tests and interviews, followed by medicals and security clearance.

www.baesystems.com/careers