



## Job roles at Sizewell C

# Welder

Imagine how it would feel to be part of the team assembling some of the most important buildings and machinery in the country? Find out as a **welder** at Sizewell C!

### What do welders do?

Welders help fabricate and fix buildings and equipment, while specialist welders help to assemble major components like the pressure vessel.

### What skills will I need?

**Manual handling**  
**Attention to detail**  
**Interest in design**

### This role will suit you if...

You like technical drawings and following designs, and have good attention to detail.

### What are the career prospects?

Gain seniority, become a welding inspector, or specialise in highly skilled fields, such as nuclear welding.

### What's great about being a welder?

**Starting out as a welder on this major infrastructure project gives you the chance to learn from the best, and go on to other exciting nuclear or construction projects!**

# Your route into a job at Sizewell C

## Qualifications:

**To join Sizewell C as an apprentice welder**, you'll need to enrol onto a Welder apprenticeship.<sup>3</sup>

**To start as a welder**, you'll need one of the below:

- BTEC Level 3 Subsidiary Diploma in Engineering (QCF)
- Level 3 Diploma in Engineering Construction (QCF) – P6 Welding
- BTEC Level 3 Diploma in Mechanical Engineering (QCF)
- BTEC Level 3 Diploma in Engineering (QCF)
- BTEC Level 3 Diploma in Operations and Maintenance Engineering (QCF)
- Welder Marine – HSE Surface Supplied Diving or HSE Part 1 & HSE Welder Accreditation
- Welder – Skilled Working Chargehand – Pre-qualification technical profile and CCNSG/ACE Card (Gold)
- Welder Apprentice – Enrolment onto General Welder (Arc Processes) Apprenticeship (ST0349)
- Target Qual – Completion of General Welder (Arc Processes) Apprenticeship (ST0349), or

Plus:

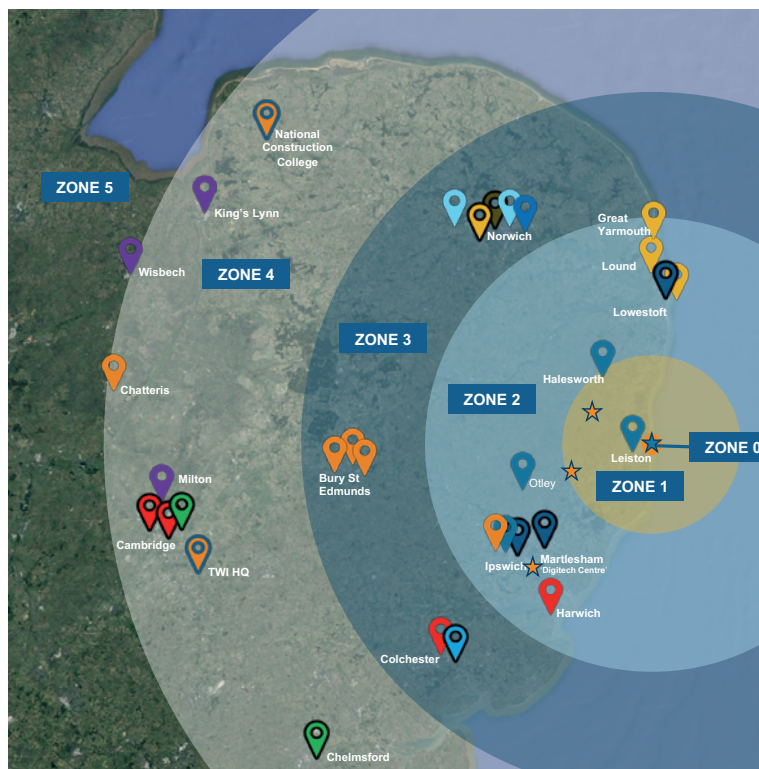
- For a plant maintenance welder, you'll be targeting an NVQ Level 2 Plant Maintenance, or NVQ Level 3 in Plant Maintenance
- For a civil welder, an NVQ Level 2 in Fabrication & Welding Practice, or in Fabrication & Welding Engineering – in the job you'll be targeting progression to a Level 3 qualification.
- For a civil engineering welder, you'll need an NVQ Level 2 in Fabrication & Welding Practice (ABC) or NVQ Level 2 in Fabrication and Welding Engineering (ETCAL), and you'll be targeting Level 3.
- For a welder craftsman or advanced craftsman, you'll need a **CCNSG/ACE Card** (Blue), and you'll be targeting a Level 3 Diploma in Welding Engineering Construction Pipework (QCF), or a Level 3 Diploma in Welding Engineering Construction Plate (QCF)
- For a welder, skilled working chargehand, you'll need a **CCNSG & ACE Card** (Gold)

**Most jobs require Maths and English GCSE as a minimum**

**Don't have the qualifications? Don't worry! Sizewell C can help you.** We are developing technical centres of excellence in the region and pathways into employment, which will help you get from where you are now, into an exciting new career at Sizewell C.

## Find a course near you

Sizewell C has partnered with local colleges and universities, so you can get the qualifications you need on your doorstep:



## Education & Academic Partners Zone Map

- |   |                                  |
|---|----------------------------------|
| ★ Sizewell C site                         | 📍 National Centres of Excellence |
| ★ Sizewell C Associated Development Sites | 📍 College of West Anglia         |
| 📍 West Suffolk College                    | 📍 UTC Norwich                    |
| 📍 Suffolk New College                     | 📍 University of East Anglia      |
| 📍 East Coast College                      | 📍 Norwich University of the Arts |
| 📍 University of Suffolk                   | 📍 Colchester Institute           |
| 📍 City College Norwich                    | 📍 University of Essex            |
| 📍 University of Cambridge                 | 📍 Anglia Ruskin University       |

**Zone 0 – Site**  
**Zone 1 – Hyper Local**  
**Zone 2 – Inner Local**  
**Zone 3 – Outer Local**  
**Zone 4 – Regional**  
**Zone 5 – National**



Contact us at Sizewell C to find out more: [szcskillsandoutreach@sizewellc.com](mailto:szcskillsandoutreach@sizewellc.com)

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1. <https://www.goconstruct.org/construction-careers/what-jobs-are-right-for-me/welding-fabricator/> 2. <https://www.goconstruct.org/construction-careers/what-jobs-are-right-for-me/welding-fabricator/> 3. <https://www.instituteforapprenticeships.org/apprenticeship-standards/welder-v1-2> 4. <https://nationalcareers.service.gov.uk/job-profiles/welder>