

Certification to EN 13067

The examination consists of a theory test and a practical test. Both tests must be passed to obtain a certificate.

The theory test consists of 20 multiple-choice questions. The practical test involves welding a standard test piece, from which specimens are cut and mechanically tested.

Only welders whose training and/or previous activities show that they are likely to pass the above tests may be allowed to take the examination, i.e. if one of the following is met:

- Completed a relevant recognised Apprenticeship scheme as a plastics fabricator.
- At least two years' experience in the relevant welding technique (company's certificate). For geomembrane welding, this must include installation experience of at least 80,000 square metres of thermoplastic geomembrane, gained on at least three different projects.
- Completed a CSWIP approved technical and practical training course, followed by at least six months of on-the-job training supervised by a welder with a certificate in the relevant welding technique.

The validity of the approval is up to 4 years, after which the examination must be retaken.

Entry Level Certification

In order to satisfy the needs of UK industry, the CSWIP scheme for plastics welders has introduced an Entry Level for geomembrane and semi-automatic PE pipe welding.

The Entry Level examination does not require the candidate to have any previous experience in plastics welding.

The Entry Level for geomembrane welding consists of a practical test only, which involves welding a standard test piece, from which specimens are cut and mechanically tested.

The Entry Level examination for PE pipe welding consists of a theory test and a practical test. Both parts must be passed in order to obtain a certificate. The theory test consists of 20 multiple-choice questions. The practical test involves welding a standard test piece using automatic or semi-automatic equipment, which is examined visually for imperfections.

More information can be found in the CSWIP requirements document no. [CSWIP-PW-6-96](#). A flow chart describing the structure of the certificate scheme can be found below:

