



Qualification Manual

EAL Level 2 Certificate in Positional
Welding

QUALIFICATION CODE: 501/1807/9

ISSUE: 5

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1.0 About EAL

Since 1964 EAL (Excellence Achievement and Learning) has been the specialist awarding organisation for the industry and related sectors. Our commitment to partnering industry together with the focus on our core sectors gives us an unrivalled understanding of the skills employers need. This results in qualifications that carry weight and respect with employers which deliver real career benefits for learners.

We support the delivery network with an unparalleled level of service to ensure that learners are well prepared for the roles they plan to take on. Through its programme of continuous improvement, EAL strives to meet the demand from employers for high performing, high quality products.

1.1 Equal opportunities and diversity

EAL expects its centres to enable Learner's to have equal access to training and assessment for qualifications in line with equalities legislation. Further details can be located in the EAL Equal Opportunities and Diversity Policy:

<http://www.eal.org.uk/centre-support/centre-support/policies-and-important-documents>

1.2 Customer Experience and feedback

Customer Experience is a fundamental part of EAL's commitment to you. EAL aims to ensure that all customers receive a high quality efficient service. We are always interested in feedback and if you have any comments or feedback on our qualifications, products or services, please contact the Customer Experience team:

EAL Customer Experience

Tel: +44 (0)1923 652 400

Email: Customer.Experience@eal.org.uk

2.0 Introduction to the Qualification

What is this qualification?

This qualification focuses on the knowledge and skills required to perform welding operations in position. Upon successful completion of this qualification, learners can apply to receive the Licence to Practice issued by The Welding Institute (TWI). TWI's qualifications are recognised in the UK and throughout the world, and therefore the Licence to Practice is a passport to gaining and securing employment in welding engineering.

This level 2 qualification complies with the National Welder Training Standard, Code of Practice 2 (NWTS CP2), published by TWI for Craftsman Welders and was developed as a result of requests from employers and training organisations. The level 2 qualification extends and develops both the knowledge and skills represented in the EAL level 1 Certificate in Arc Welding. NWTS CP2 was developed by the Association for Welding and Fabrication Training and Education (AWFTE) – the UK national network of welding and fabrication professionals in the education and training sector.

A welding operative in accordance with NWTS CP1 is defined as a person having limited welding competence involving a single process, a restricted range of welding positions, one group of materials and a small number of applications. This NWTS CP2 scheme is based on the welder craftsman who will be able to weld in position using a number of processes and a range of materials.

An important feature of training and employment is compliance with the requirements of the Provision and Use of Work Equipment Regulations, 1998 (PUWER) Statutory Instrument SI 1998-2306. Amongst the obligations they place on employers, and consequentially on training providers, are those relating to training given in Section 9 of the Regulations which state:

‘Every employer shall ensure that all persons that use work equipment have adequate training for purposes of health, and safety, including training in the methods which may be adopted when using the work equipment, any risk which such use may entail and precautions to be taken’.

This qualification (NWTS CP2) facilitates compliance with this regulation.

This qualification may also serve as a progression for those entering welding and wishing to progress to Master Craftsman Welder levels, either through National Welding Training Standard (NWTS) programmes or higher courses.

This qualification may provide (via pathway B) entry into welding education for those with no formal qualifications but who do have experience over a period of time in welding.

Who is this qualification for?

- Learners undertaking Semta intermediate apprenticeship frameworks
- Learners who may have a limited prior knowledge and understanding of the engineering sector but have the ability to achieve a foundation level engineering qualification
- Those who wish to progress in the engineering sector
- Learners who are thinking about engineering as a career but who would like some experience of the job role first
- Those who are new to the industry or looking for a career change or wish to learn new skills.

What does this qualification cover?

This qualification is limited to Manual Metal-Arc (MMA), Metal Inert Gas (MIG), Metal Active Gas (MAG) and Tungsten Inert Gas (TIG) welding processes.

2.1 Accreditation & Industry Support for this Qualification

This qualification:

- Is regulated by Ofqual at level two.
- Forms part of Semta apprenticeship frameworks or can be delivered as a stand-alone qualification.
- Is recognised by the Welding Institute for their Licence to Practice

2.2 Achievement of the Qualification & ‘Stand Alone Units’

This qualification is gained when all the necessary units have been achieved. The centre will then be able to apply for the learner’s Certificate. The learner will also receive a Certificate of Unit Credit, listing all the units they have achieved.

However if they don’t manage to complete the full qualification learners can still claim a Certificate of Unit Credit for the units achieved therefore, they still have proof of their ability and could complete the qualification at a later date.

Units can also be taken individually (stand-alone). This manual *must be* used in conjunction with the delivery and assessment of any individual units to ensure that assessment requirements and methodologies are consistently applied.

2.3 Relation to Other Qualifications

Gives progression to many EAL L3 engineering qualifications. In particular the EAL level 3 Award in Pipe welding

This qualification provides progression opportunities for apprentices to enter Semta intermediate apprenticeships. It also relates to the following qualifications:

- Performing Engineering Operations (PEO) Level 2
- A wide range of engineering and related qualifications.

Details on these can be obtained from the EAL Website or alternatively contact:

- EAL Customer Experience
Tel: +44 (0)870 240 6889
Email: Customer.Experience@eal.org.uk

2.4 Qualification Support Materials

The following materials are available for this qualification:

- **Qualification Units:**
These documents contain the knowledge and/or the practical assessment criteria. They also contain delivery advice, and all the centre assessment material (internal assessments). Where a unit has an externally set exam, this will be indicated on the unit. The units also clearly identify the:
 - Title, Unit purpose/aims
 - Summary of learning outcomes.
- **Learner packs:**
These are designed to assist the delivery staff in administration of the internal assessments.

All these materials can be accessed from the EAL Website www.eal.org.uk. Note: Further delivery support materials will be available in the future for this qualification.

3.0 Rule of Combination (Qualification Structure)

EAL Level 2 Certificate in Positional Welding

This qualification will be obtained by the learner once they have successfully completed the **four mandatory units** followed by **optional units** from groups A and B as listed below. The qualification has 23 credits, 140 Guided Learning Hours (GLH) and 230 hours Total Qualification Time (TQT).

Pathway QPWA: Positional Welding.

For Learners who have previously completed the EAL L1 Certificate in Arc Welding

Mandatory Units: *All units must be completed:*

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QPWI/001	<input type="checkbox"/> Welding Metallurgy	2	3	20	F/602/0388
QPWI/002	<input type="checkbox"/> Weld Imperfections and Testing	2	3	20	J/602/0389
QPWI/003	<input type="checkbox"/> Requirements for Welding in Site Work Locations	2	3	20	A/602/0390
QPWI/004	<input type="checkbox"/> Welding Quality	2	3	20	F/602/0391

Optional Units Group A: *Select one of the following units:*

QPWI/005	<input type="checkbox"/> Welding Stainless Steels	2	3	20	J/602/0392
QPWI/006	<input type="checkbox"/> Welding Aluminium	2	3	20	L/602/0393

Optional Units Group B: *Select one of the following units:*

QPWI/007	<input type="checkbox"/> Positional Welding with Manual Metal Arc (MMA)	2	8	40	R/602/0394
QPWI/008	<input type="checkbox"/> Positional Welding with Metal Arc Gas Shielded Welding (MAG)	2	8	40	Y/602/0395
QPWI/009	<input type="checkbox"/> Positional Welding with Tungsten Arc Gas Welding (TIG)	2	8	40	D/602/0396
QPWI/010	<input type="checkbox"/> Positional Welding with Oxy-Fuel Gas Welding	2	8	40	H/602/0397

Pathway QPWB: Positional Welding Progressive

For Learners who have NOT previously completed the EAL L1 Certificate in Arc Welding

Learners must complete all the requirements of Pathway A **and** an additional externally assessed **30 hour** unit QPWI/011.

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QPWI/001	<input type="checkbox"/> Introduction to Arc Welding	2	4	30	M/602/0399

4.0 Centre & Qualification Approval

Centres wishing to run the qualification will need to comply with the Qualification Manual and EAL's centre recognition criteria for this qualification upon accreditation and launch. Centres must also put in place the appropriate physical and human resources and administration systems to effectively run the qualification. Please refer to Section 5 for the requirements of centre staff involved in the delivery of this qualification.

For existing EAL centres to put the qualification on your centre remit:

To add this qualification to your Centre qualification remit, create and complete a qualification approval application form in Smarter Touch and submit to EAL.

For non EAL centres to gain centre approval to run the qualification:

Please contact the EAL Customer Experience Team who will be delighted to hear from you:

Tel: +44 (0)1923 652400

Email: Customer.Experience@eal.org.uk

5.0 Profiles & Requirements

The staff involved in the delivery of this qualification at the Centre must meet ALL of the requirements in this section.

5.1 Staff responsible for registering and certificating learners

Centres are required to appoint a suitable member of staff who can take responsibility for registering learners onto the qualification, submitting entries for externally set assessments to EAL, and taking receipt of external assessment procedures. They may also be responsible for applying to EAL for learner certificates.

The role may be undertaken by the same person who undertakes quality assurance (see Section 5.4).

5.2 Teaching staff

Teaching staff must have knowledge and understanding of:

- The qualification structure and content.
- The learning outcomes and assessment criteria they are delivering.

It is a recommendation that teaching staff will:

Have 2 years' experience in teaching/training

or

Be working towards an appropriate teaching/training qualification

or

Hold an appropriate teaching/training qualification (e.g. Cert Ed or Learning and Development trainer units).

Those engaged in the practical training of welding operatives must:

Have proven practical skills in welding at least to the level for which training is being offered, covering:

- Specific processes
 - Specific materials
 - Specific forms
 - All positions
-
- Hold an NWTS recognised welding qualification at Level 3 or above
- or**
- Be qualified as CSWIP Registered Master Welding Instructors or Specialist Welding Instructors.

Those providing theoretical instruction must:

Be appropriately qualified; the benchmark is a recognised Level 3 welding qualification.

Evidence of the qualifications held by staff involved in the training and assessment of candidates completing the EAL Certificate in Arc Welding must be submitted at the time of either centre approval or centre remit update to include this qualification.

5.3 Assessors

The Centre MUST provide EAL with the names of any teachers, trainers or other individuals who will undertake internal assessment, so that these can be approved prior to them carrying out an assessment role.

Internal assessors must:

- Have knowledge and understanding of the assessment criteria they are assessing.
- Have knowledge and understanding of the qualification structure, content and assessment components.
- Understand the assessment process.

It is a recommendation that assessors will:

- Have 2 years' experience in assessment (e.g. within an N/SVQ or teaching/training environment)
or
- Be working towards an appropriate assessment qualification, such as the 'Level 3 Award in Assessing Vocationally Related Achievement'
or
- Hold an appropriate assessment qualification (as above).

Assessor continuing professional development

It is the responsibility of each assessor to identify and make use of opportunities for Continuing Professional Development (CPD), such as industry conferences, access to trade journals, and Professional Body/Trade Association events, at least on an annual basis to enhance and upgrade their professional development and technical knowledge.

It is imperative that records are kept of all such CPD opportunities/occasions and that they provide evidence of cascading such technical knowledge and industry intelligence to all relevant colleagues.

5.4 Quality assurance staff

This relates to staff undertaking internal verification/moderation of assessment. The Centre MUST provide EAL with the names of any teachers, trainers or other individuals who will undertake internal quality assurance, so that these can be approved prior to them carrying out this role.

The main focus of internal quality assurance for these qualifications are:

- The quality assurance of assessment procedures, including standardisation of assessment practice across different assessors within the Centre.
- Internal standardisation of marking and moderation of learner marks awarded.

Internal quality assurance staff must:

- Be familiar with the occupation(s) covered by the qualification.
- Have knowledge and understanding of the qualification structure and content.
- Understand the assessment process and the role of quality assurance.

It is a recommendation that the quality assurance staff will:

Have experience in quality management/internal verification

or

Hold an appropriate qualification, such as the 'Level 4 Award in the Internal Quality Assurance of Assessment Processes and Practice, or the 'Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practice'

Continuing professional development of internal quality assurance staff

It is the responsibility of each internal quality assurance staff member to identify and make use of opportunities for CPD, such as industry conferences, access to trade journals, and SSC and Professional Body/Trade Association events, at least on an annual basis to enhance and upgrade their professional development and technical knowledge. It is imperative that records are kept of all such CPD opportunities/occasions and that they provide evidence of cascading such technical knowledge and industry intelligence to all relevant colleagues.

5.5 Learners with particular requirements

There are no formal entry requirements for this qualification. Centres should ensure that learners have the potential to achieve the qualification undertaken.

Centres should make learners with particular requirements aware of the content of this qualification and they should be given every opportunity to successfully complete it. EAL will consider any reasonable suggestions for, and from, those with disabilities that would help them to achieve the learning outcomes without compromising the standards required.

5.6 Age restrictions

Learners must be at least 16 years old.

5.6 Physical Resources

Safe working is a key issue and all practical activities must be subject to up to date risk assessments.

All trainees must be properly supervised and wear the correct personal protective equipment. Adequate general ventilation and local fume extraction must be in place. The guideline for safe working is 'Health and Safety in Welding and Allied Processes. Arrangements for first aid and emergency action in case of accident must be in place.

The resources required for the assessments are detailed in each of the qualification units.

6.0 Assessment

The assessment of this qualification has two aspects – internal (centre marked) assessments and an external (EAL marked) exam. The learner must pass all the internal assessments and the external assessment of their chosen units to achieve the qualification. EAL will monitor and externally verify both forms of assessment.

Both the common mandatory and the optional units will be subject to external assessments (see below). The EAL Centre Operations Manual must be followed along with this section.

6.1 External (EAL Marked) Assessment

The external assessment tests the candidate's knowledge of the learning outcomes within the mandatory units and the selected optional unit/s. The examinations assess the critical knowledge for the TWI 'Licence to Practice' and also selected knowledge and understanding outcomes of the qualification.

Units:

- QPWI/01
- QPWI/02
- QPWI/03
- QPWI/04

Are assessed together by a 20 question online examination. Exam duration is 30 minutes. Pass mark is 60%

Units:

- QPWI/05
- QPWI/06
- QPWI/07
- QPWI/08
- QPWI/09
- QPWI/10

Are assessed **individually** by a 10 question internally marked examination for each. The exam papers are contained within the unit.

Unit QPWI/011 is assessed by a one hour, 40 question online exam. The pass mark is 60%

The exam specifications are on the subsequent pages

Key Points:

- Learners must be registered for the external assessment component with EAL a specified number of days before the test date to allow for printing and dispatch of papers (refer to the EAL Procedures for Conducting an External Assessment).
- The examination must be undertaken by the learner under controlled conditions as specified by in EAL's procedures for External Assessment contained within the Centre Operations Manual.
- This on-screen exam is available monthly. The paper based exam is available three times a year.. See the EAL website for the exams timetable www.eal.org.uk.
- The external assessment must be delivered and invigilated by the centre in line with EAL's external assessment procedures.
- EAL's Centre Co-ordinator will assume responsibility for liaison and correspondence regarding the external assessment component.
- Centres will be sampled by EAL to ensure the tests are delivered in accordance with EAL instructions.

Exam Specification for units QPWI-001 to QPWI-004

Number of questions: 20
Time allowed: 30 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
1.1	Understand the basic metallurgy of carbon steel	4
1.2	Understand the effects of welding heat on steel	2
1.3	Understand how the effects of welding can produce residual stresses and distortion and how to minimise the effects	3
2.1	Understand the common imperfections found in welding and the main methods of testing for them	3
2.2	Understand the methods of preparing materials for welding	1
3.1	Understand how to weld on site locations effectively	1
3.2	Understand the specific dangers of working on site	1
4.1	Understand the basics of welder qualification	3
4.2	Understand the function of Quality Assurance (QA) in welding	2

Exam Specification for unit QPWI-005

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
5.1	Understand the metallurgy of the common weldable stainless steels	1
5.2	Understand the characteristics of working with and welding stainless steels	5
5.3	Understand the requirements of welding processes and consumables used to weld stainless steel	2
5.4	Understand corrosion, imperfection and the post weld treatment of stainless steels	1
5.5	Understand the specific safety requirements of welding stainless steels	1

Exam Specification for unit QPWI-006

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
6.1	Understand the metallurgy of aluminium alloys	1
6.2	Understand the characteristics of working with and welding aluminium alloys	3
6.3	Understand the requirements of welding processes and consumables used to weld aluminium alloys	3
6.4	Understand imperfection and the post weld treatment of aluminium alloys	1
6.5	Understand the specific safety requirements of welding aluminium alloys	2

Exam Specification for unit QPWI-007

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
7.1	Understand the basic principles of a range of fusion welding processes	1
7.2	Understand MMA power source design	2
7.3	Understand the selection of MMA electrodes	3
7.4	Understand welding defects and producing defect free welds with the MMA process	2
7.5	Understand health and safety applied to the MMA welding process	2

Exam Specification for unit QPWI-008

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
8.1	Understand the basic principles of a range of fusion welding processes	1
8.2	Understand the design and purpose of MIG/MAG equipment	3
8.3	Understand the characteristics and typical parameters of MIG/MAG welding	2
8.4	Understand health and safety applied to the MIG/MAG welding processes	1
8.5	Understand the selection of consumables and identification of weld imperfections associated with MIG/MAG welding	3

Exam Specification for unit QPWI-009

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
9.1	Understand the basic principles of a range of fusion welding processes	1
9.2	Understand the design and purpose of TIG equipment	3
9.3	Understand the characteristics and typical parameters of TIG welding	1
9.4	Understand health and safety applied to the TIG welding processes	2
9.5	Understand the selection of consumables and identification of weld imperfections associated with TIG welding	3

Exam Specification for unit QPWI-010

Number of questions: 10
Time allowed: 20 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
10.1	Understand the basic principles of a range of fusion welding processes	1
10.2	Understand the properties of oxygen and acetylene	3
10.3	Understand the selection and use of oxy-acetylene welding equipment	2
10.4	Understand the safe operation of oxy-acetylene equipment	1
10.5	Understand the selection of consumables and identification of weld imperfections associated with oxy-acetylene welding	3

Exam Specification for unit QPWI-011

Number of questions: 40
Time allowed: 60 mins
Pass mark: 60% (not graded)

LO	LO Title	N ^o of Questions/sub groups covering each learning outcome
11.1	Understand the use of electricity for arc welding	5
11.2	Understand how to set up and use arc welding equipment	7
11.3	Understand how to work safely in a fabrication/welding workshop	15
11.4	Understand how to select and use arc welding consumables	4
11.5	Understand the requirements of preparing joints in plates	2
11.6	Understand how to work to welding procedures	7

6.2 Internal Assessment

The practical assessment involves producing evidence that demonstrates a candidate's achievement of the learning outcomes practical requirements and is subject to external verification by EAL's External Verifier. The key characteristics of assessment are validity, reliability and fitness for purpose. Centres are responsible for ensuring that these characteristics are present. The TWI Independent Examiner must be present at all welding/testing to witness activities. Learners can work to the WPS provided within the units or they may use WPS provided by their employers. In the event of employer based WPS being used they must be submitted to TWI via the independent examiner prior to any testing taking place. This ensures compliance with appropriate welding standards.

Booking the TWI Independent Examiner

The form for booking the independent examiner and sending in employer procedure for checking is available for downloading on the TWI Certification website at www.cswip.com. The cost of the independent examiner is not included in the EAL registration fee and is an additional cost that is arranged between the centre and TWI. The costing will be based on the number of tests that require the services of the independent examiner and the time spend at the centre. Details of independent examiner costings are available on the booking form mentioned previously.

Candidates working to employer provided welding procedures

Test pieces: the form shall be agreed with the employer as being appropriate to the application and should conform to an appropriate standard. Test pieces shall be clearly identified and recorded. If the welding procedure to be used is provided by an employer it must be sent to the independent examiner/TWI for suitability prior to any testing taking place.

Candidates working to welding procedure provided by EAL

Test pieces, joint types and positions should be based on the procedures attached to the VRQ units. Included within units 07-10 are WPS for butts, fillets or tube to plate. Only one type of welded joint needs to be completed, this is dependant on individual requirements or experience. All Welder Procedure Specifications (WPS) have two options in terms of acceptance criteria and final welder qualification:

Option 1: Welder Qualification to Code of Practice 2 (CP2)

This option is for learners who do not require approval to BS EN 287:2004. This option can be fully tested at the training centre/workplace during the Independent examiner witnessing visit (may require an additional visit) and does not require test house involvement. Candidates will receive the EAL VRQ, TWI Welder approval in accordance with CP2 requirements and the TWI license to practice.

Option 2: Welder Qualification to BS EN 287:2004

This option is for learners who do require approval to BS EN 287:2004 and may wish to apply for International status. This option does require the involvement of a UKAS accredited test house in testing the welds in accordance with BS EN ISO 5817:2007 or (BS EN ISO 10042:2005, aluminium), this is the responsibility of the centre and the cost is met by the centre.

The centre shall return authenticated Test House reports/radiographs etc to the examiner/TWI for verification to support the issue of qualification documentation. The TWI examiner will still witness welds and they can be stamped to validate correct witnessing prior to being sent to the test house. Candidates will receive the EAL VRQ, TWI Welder approval to BS EN 287:2004 and the TWI license to practice and will also be eligible to apply for International (fillet or plate) welder status.

6.3 External Quality Control of Assessment

There are two major activities in which EAL interacts with the Centre in relation to the External Quality Control of Assessment for the qualification and these are:

- **Recognition:** When a Centre decides to offer the qualification, the EAL External Quality Assurer (EQA) ensures that the Centre is suitably equipped and prepared for delivery and assessment.
- **Engagement:** Throughout the ongoing delivery of the qualification EAL, through EQA monitoring and other mechanisms will review the quality and consistency of assessment and internal quality assurance and recommend actions to address issues of concern.

Recognition

In granting approval, EAL, normally through its EQAs, will ensure that the prospective Centre:

- Meets any procedural requirements specified by EAL.
- Has sufficient and appropriate physical and staff resources.
- Meets relevant health and safety and/or equality and access requirements.
- Has a robust plan for the delivery, assessment and QA for the qualifications (including, where appropriate, scope for involving employers).

EAL may decide to visit the Centre to view the evidence provided.

Engagement

EAL, through EQA Engagement and other mechanisms will ensure that:

- A strategy is developed and deployed for the on-going monitoring of the centre – this will be based on an active risk assessment of the Centre, and will include details of the learner, assessor and internal quality assurer's sampling strategy and the rationale behind this.
- The Centre's internal quality assurance processes are effective in learner assessment.
- Outcomes of internal assessment are verified, through sampling, to ensure standards are being maintained.
- Sanctions are applied to a Centre where necessary and that corrective actions are taken by the Centre and monitored by the EQA.
- Reviews of EAL's external auditing arrangements are undertaken.

Appendix 1: Learner Registration & Certification

Learners must be registered with EAL on a code which relates to the qualification -this **must be** completed prior to assessment. Both learner registration and certification can be completed on line at the EAL Website www.eal.org.uk.

To Register the Learner on the Chosen Qualification/Pathway Code:

Qualification Title	Code
EAL Level 2 Certificate in Positional Welding	501/1807/9

Appendix 2: Application for the License to Practice

This Certificate specifies the minimum requirements for training a welding craftsman to produce fit-for-purpose welds carried out in position for specified applications, to prove competence in working correctly and safely and to provide an adequate understanding of the welding process employed, its application, hazards and safe working practice, and the risks and consequences of weld failure.

The knowledge base prescribed in this qualification supports the job knowledge statement included in BS EN 287/ISO 9606 Approval Testing of Welders.

For welders already holding current welder approval certification to a recognised standard, for example, BS EN 287/ISO 9606 or ASME IX, the WPS supplied with this qualification may be omitted and the welders current approval submitted to TWI in application for the 'Licence to Practice'. Such welders must of course complete the knowledge requirements of this qualification. The application must provide evidence of a current approval certificate that has been completed by a body recognised by TWI. Any specific approval qualifications submitted, e.g. BS EN 287/ISO 9606 or ASME IX, will be governed by the time limitations and prolongation rules of the particular standard.

Application should be sent with an accompanying letter to:

- Clare Mc Grath
TWI Certification Ltd
Granta Park
Great Abington
Cambridge
CB1 6AL

The Licence to Practice photo card and approval certificates will be awarded by TWI upon application using the form available for downloading on the TWI Certification website at www.cswip.com

TWI will check that the application details match the testing witnessed by the independent examiner at the time of testing. In addition to completing the application form, centres must also provide TWI with a photocopy of the EAL VRQ certificates and two passport-sized photographs of the candidate.

Each photograph should be signed on the back by the centre co ordinator quoting 'I certify that this is a true likeness of <name>' signed: