



Part of the
Enginuity Group

Qualification Manual

EAL Level 1 Award in Introductory Welding Skills – 600/1903/7

EAL Level 1 Award in Introductory Tungsten Inert Gas Welding Skills -
600/2170/6

EAL Level 1 Award in Introductory Metal Inert Gas Welding Skills -
600/2171/8

EAL Level 1 Award in Introductory Manual Metal Arc Welding Skills -
600/2172/X

EAL Level 1 Award in Introductory Oxy - Acetylene Welding Skills -
600/2173/1

EAL Level 1 Award in Introductory Thermal and Plasma Cutting Skills -
600/5801/8

EAL Level 1 Award in Introductory Brazing and Soldering Skills -
600/6003/7

Issue 5

www.eal.org.uk

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1.0 About EAL

For over fifty years, EAL has been the specialist awarding organisation for engineering, manufacturing, building services and related sectors. Developed to the highest technical standards, our qualifications reflect ever-changing industry and regulatory needs. We support the providers of our qualifications with an unparalleled level of service to ensure that learners are well prepared to take the next step in their journeys, whether study, an apprenticeship or work.

Through industry partnerships with EAL centres and training providers, decades of experience supporting our core sectors, and our role as part of the Enginuity Group, we have built unrivalled knowledge and understanding of employer skills needs. As a result, EAL's skills solutions, including apprenticeship End-Point Assessment, External Quality Assurance and qualifications are respected and chosen by employers to deliver real lifelong career benefits for all our learners. That is why in the last ten years, 1.2 million people across the UK have taken EAL qualifications.

1.1 Equal Opportunities and Diversity

EAL expects its centres to enable learners 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 Qualifications

What are these qualifications?

These qualifications were developed to fill an identified gap in the market for introductory level welding qualifications. They are designed to have a 'hands on' practical approach to introductory welding training and as such to support improved retention and attainment at Level 1. To support this hands-on approach, the knowledge aspects of the qualifications are covered by a self-study pack that, with support, allows learners to learn at their own pace and retain the pack for support after the qualification is completed.

The content and structure of the qualifications have been developed to provide a broad-based introduction to the practices and processes within welding and developing the personal skills and attributes that learners need in order to develop confidence in their ability to work, learn and achieve their full potential at Level 1. Learners can, if they wish, progress to EAL's level 2 welding qualifications to further develop the skills they have learned at level 1.

These qualifications have been developed in close consultation with colleges, training associations and industry to ensure that the qualification meets the needs of the engineering and education sectors. In addition, EAL has consulted throughout the development of the qualifications to ensure that the structure and content meet industries and the learner's needs.

Who are these qualifications for?

- Learners who wish to enter Further Education.
- Those who wish to start a career in welding engineering.
- Learners who are thinking about welding 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.
- Those who work in another aspect of engineering and require some practical welding training.

There are no pre-entry requirements for learners choosing this qualification.

What do these qualifications cover?

These qualifications cover the level one knowledge and practical skills required by someone preparing to work in the welding industry. These qualifications cover the four main welding processes. The qualifications' Units are listed in Section 3 of this manual.

2.1 Qualification Support Materials

The following assessment support materials are available:

Delivery Packs:

These documents contain the knowledge and the practical assessment criteria. They also contain the answers to the questions in the unit. The units also clearly identify the:

- Guided learning hours (GLH)
- Title, Unit purpose/aims
- Summary of learning outcomes
- Details of assessments (WPS)

Learner packs:

These are the same as the tutor packs but without the answers and are intended to be given to learners as a resource.

2.2 Achievement of The Qualifications

These qualifications are gained when all the necessary units have been achieved. The centre will then be able to apply for the learner's Award. 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). The qualification 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. The overall grading of this qualification is Pass/Fail.

3.0 Qualification Structure

3.1 Rule of Combination

EAL Level 1 Award in Engineering and Manufacture

These qualifications have 60 Guided Learning Hours (GLH). They have a Total Qualification Time (TQT) of 70 hours which is the notional time required by the learner to complete their selected qualification. These qualifications will be achieved when the learner has successfully completed all units detailed below.

EAL Level 1 Award in Introductory Welding Skills – 600/1903/7

Optional Units: Any ONE unit must be completed.

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/001	Tungsten Inert Gas Welding	1	60	M/501/9419
QIWS/002	Metal Inert Gas Welding	1	60	H/501/9420
QIWS/003	Manual Metal Arc Welding	1	60	H/501/9417
QIWS/004	Oxy-Acetylene Welding	1	60	K/501/9418

EAL Level 1 Award in Introductory Tungsten Inert Gas Welding Skills) – 600/2170/6

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/001	Tungsten Inert Gas Welding	1	60	M/501/9419

EAL Level 1 Award in Introductory Metal Inert Gas Welding Skills – 600/2171/8

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/002	Metal Inert Gas Welding	1	60	H/501/9420

EAL Level 1 Award in Introductory Manual Metal Arc Welding Skills – 600/2172/X

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/003	Manual Metal Arc Welding	1	60	H/501/9417

EAL Level 1 Award in Introductory Oxy - Acetylene Welding Skills – 600/2171/8

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/004	Oxy-Acetylene Welding	1	60	K/501/9418

EAL Level 1 Award in Introductory Brazing and Soldering Skills – 600/6003/7

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/005	Brazing and Soldering	1	60	L/504/0696

EAL Level 1 Award in Introductory Thermal and Plasma Cutting Skills – 600/5801/8

Mandatory Unit: This unit MUST be completed:

EAL Code	Unit Title	Level	GLH	Ofqual Code
QIWS/006	Thermal Cutting Techniques	1	60	D/504/0699

4.0 Centre and Qualification Approval

Centres wishing to deliver these qualifications will need to comply with the Qualification Manual and EAL's Centre recognition criteria. Centres must also put in place the appropriate physical and human resources and administration systems to effectively run these qualifications.

For existing EAL Centres to put these qualifications on your Centre remit:

To add these qualifications 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 these qualifications:

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

EAL Customer Experience
Tel: +44 (0)1923 652 400
Email: Customer.Experience@eal.org.uk

EAL provides a wide range of other qualifications some of which can be used as a progression route from this qualification, details on these can be obtained from the EAL website or alternatively, contact:

EAL Customer Experience
Tel: +44 (0)1923 652 400
Email: Customer.Experience@eal.org.uk

5.0 Profiles and Requirements

5.1 Staff Responsible for Registering and Certification of Learners

Centres are required to appoint a suitable member of staff who can take responsibility for registering learners onto qualifications, submitting entries for assessments to EAL, and taking receipt of external assessment procedures (if appropriate). 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.

5.2 Learners

There are no formal entry requirements for these qualifications. Learners must have been initially assessed to ensure they have both the potential to achieve the assessment criteria set out in the qualification units.

Age Restrictions

Learners must be at least 14 years old.

5.3 Teaching Staff

Teaching staff must have knowledge and understanding of:

- The occupation covered by the qualification.
- 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).

5.4 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 assessor's 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.

5.5 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.

5.6 Physical Resources

The centre must have adequate welding and related equipment for the scope of training offered. It must be fit for purpose, safe, calibrated (welding parameters) and correctly maintained.

Practical training must be carried out in appropriate premises with good standards of illumination and welding operations must be correctly screened. Work equipment such as

benches, vices, hand tools and power/air tools must be provided. A room for lectures providing a suitable environment for information transfer should be available.

There must be adequate arrangements for changing and storing clothes, safe keeping of valuables and provision of simple refreshments and toilet/washroom facilities.

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.

6.0 Assessment

6.1 Introduction

The emphasis of the assessment of this qualification is in a 'hands on' approach and the final assessment of the units will take the form of practical tasks in the form of welding procedure specifications (WPS) and internally assessed knowledge tests that reflect the learning outcome titles of the units. EAL will externally quality assure the assessments. The EAL Centre Operations Manual must be followed in their delivery.

6.2 Internal (Centre Marked) Assessment

The practical tasks in the form of welding procedure specifications (WPS) within the tutor packs are also accompanied by marking criteria to ensure that the delivery is consistent amongst learners within the welding assessments. The assessments and the accompanying marking/assessment criteria can be found in the tutor packs. They are clearly identified against the WPS that they relate to.

The actual assessment decisions and completion of the EAL provided documentation will be independently completed by the centre and is subject to sampling during external quality assurance by EAL's External Quality Assurer (EQA).

Internal assessments test the practical skills and knowledge of the learners within the units. They are centre marked by members of the delivery team. Internal assessment involves collecting and evaluating evidence that demonstrates achievement of the learning outcomes. This will be subject to external quality assurance. Centres are responsible for ensuring that assessment decisions are valid and reliable.

Internal assessment includes practical and/or theory assessments, which have been designed to assess the knowledge, understanding and skills of learners for individual units. The internal assessment for each unit is set by EAL and marked by members of the delivery team at the Centre. All assessment decisions are then subject to internal standardisation and external quality assurance.

Internal assessments involve collecting and evaluating evidence that demonstrates achievement of the learning outcomes in each unit. The internal assessments are accompanied by marking criteria, checklists and other materials to ensure that the delivery team is consistent in their approach to internal assessments across learners. The internal assessments and the accompanying marking/assessment criteria can be found in the individual units within the Delivery and Learner Assessment Packs.

Centres are responsible for ensuring that internal assessment is suitably controlled to ensure that assessment decisions are valid and reliable, and that work submitted for assessment by learners is prepared and produced by them independently, without assistance from others, and free of plagiarism.

Where the assessment takes the form of written/short answer or multiple-choice question papers, these should be treated as controlled assessments therefore imposing the necessary restrictions on the learner, as necessary. Guidance sheets have also been created to hand out to the learners.

All learning outcomes of the qualification must be assessed. In order to help meet this requirement it is advised that learners should produce a logbook/portfolio where they can file and make reference to evidence that shows their achievements against the learning

outcomes. Centres should also maintain an assessment and feedback record for each learner, which details the evidence evaluated against the learning outcome and the feedback given to the learner. These records must be available to the External Quality Assurer.

Further guidance on assessment is provided within each unit Delivery Pack. Please consult the EAL External Quality Assurer if in any doubt.

Re-taking Internal Assessments

Learners who fail to achieve a pass in the internally marked controlled assessments will be permitted to re-take after feedback and appropriate tuition has taken place.

Standardisation of internal assessments

Members of the internal quality assurance team at the Centre have an important role to play in ensuring that internal assessment is standardised. In particular, they should work with tutor/assessors to ensure that the correct procedures are being followed at all times, and to ensure that assessment decisions taken by different assessors are consistent, fair and reliable. Key activities will include:

Meeting with tutor/assessors (individually and collectively) throughout the course to discuss quality assurance and standardisation issues and provide support and guidance where needed.

Observing tutor/assessors and giving them feedback to help improve their assessment technique.

Sampling learner evidence across different learner cohorts to ensure that appropriate standards have been met.

Arranging cross-marking of learner work to compare results and agree benchmarks.

7.0 Quality Control of Assessments

There are two major activities in which EAL interacts with the Centre in relation to the External Quality

Control of Assessment for this 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 Unit Overview/Summary

Unit Title: Tungsten Inert Gas Welding
Unit Code: QIWS/001
Level: 1
GLH: 60
<p>Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform Tungsten Inert Gas Shielded Welding (TIG) welding in the flat and horizontal/vertical positions. The learner will produce welds and visually assess that they are fit for propose against the requirements of the weld procedure (WPS) provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to the TIG welding process including, safety, use of equipment and choice of consumables.</p> <p>This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.</p> <p>The higher risk activities within this unit require safeguarding at all times.</p>
<p>Summary of learning outcomes</p> <p>The learner will:</p> <ol style="list-style-type: none"> 1. Produce beads on plate in the PA flat position. 2. Produce a lap fillet weld in the PB horizontal/vertical position. 3. Produce a tee fillet weld in the PA flat position. 4. Produce a tee fillet weld in the PB horizontal/vertical position. 5. Produce a corner weld in the PA flat position. 6. Know the process and Health & Safety requirements of TIG welding.

Unit Title: Metal Inert Gas Welding
Unit Code: QIWS/002
Level: 1
GLH: 60
<p>Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform Metal Arc Gas Shielded Welding (MAGS) welding in the flat and horizontal/vertical positions. The learner will produce welds and visually assess that they are fit for propose against the requirements of the weld procedure (WPS) provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to the MAGS welding process including, safety, use of equipment and choice of consumables.</p> <p>This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.</p> <p>The higher risk activities within this unit require safeguarding at all times.</p>
<p>Summary of learning outcomes</p> <p>The learner will:</p> <ol style="list-style-type: none"> 1. Produce beads on plate in the PA flat position. 2. Produce a lap fillet weld in the PB horizontal/vertical position. 3. Produce a tee fillet weld in the PA flat position. 4. Produce a tee fillet weld in the PB horizontal/vertical position.

5. Produce a corner weld in the PA flat position.
6. Know the process and Health & Safety requirements of MAGS welding.

Unit Title: Manual Metal Arc Welding

Unit Code: QIWS/003

Level: 1

GLH: 60

Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform Manual Metal Arc Welding (MMA) welding in the flat and horizontal/vertical positions. The learner will produce welds and visually assess that they are fit for propose against the requirements of the weld procedure (WPS) provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to the MMA welding process including, safety, use of equipment and choice of consumables.

This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.

The higher risk activities within this unit require safeguarding at all times.

Summary of learning outcomes

The learner will:

1. Produce beads on plate in the PA flat position.
2. Produce a lap fillet weld in the PB horizontal/vertical position.
3. Produce a tee fillet weld in the PA flat position.
4. Produce a tee fillet weld in the PB horizontal/vertical position.
5. Produce a corner weld in the PA flat position.
6. Know the process and Health & Safety requirements of MMA welding.

Unit Title: Oxy-Acetylene Welding

Unit Code: QIWS/004

Level: 1

GLH: 60

Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform Oxy-Acetylene Welding (OA) welding in the flat and horizontal/vertical positions. The learner will produce welds and visually assess that they are fit for propose against the requirements of the weld procedure (WPS) provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to the Oxy-Acetylene Welding process including, safety, use of equipment and choice of consumables.

This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.

The higher risk activities within this unit require safeguarding at all times.

Summary of learning outcomes

The learner will:

1. Produce beads on plate in the PA flat position.
2. Produce a lap fillet weld in the PB horizontal/vertical position.
3. Produce a tee fillet weld in the PA flat position.

4. Produce a tee fillet weld in the PB horizontal/vertical position.
5. Produce a corner weld in the PA flat position.
6. Know the process and Health & Safety requirements of Oxy-Acetylene Welding.

Unit Title: Brazing and Soldering

Unit Code: QIWS/005

Level: 1

GLH: 40

Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform brazing and soldering in the flat and horizontal/vertical positions. The learner will produce joints and visually assess that they are fit for propose against the requirements of the brazing and soldering procedures provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to the brazing and soldering processes including, safety, use of equipment and choice of consumables..

This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.

The higher risk activities within this unit require safeguarding at all times.

Summary of learning outcomes

The learner will:

1. Produce beads on plate in the PA flat position.
2. Produce a lap fillet joint in the PB horizontal/vertical position.
3. Produce a tee fillet joint in the PA flat position.
4. Produce a tee fillet joint on plate in the PB horizontal/vertical position.
5. Produce a lap fillet joint on pipe to plate in the PB horizontal/vertical position.
6. Know the process and Health & Safety requirements of Brazing and Soldering.

Unit Title: Thermal Cutting Techniques

Unit Code: QIWS/006

Level: 1

GLH: 40

Overview: This unit is intended to ensure the learner has the opportunity to develop the practical skills required to perform thermal and plasma cutting in the flat, horizontal, and vertical down positions. The learner will produce test pieces and visually assess that they are fit for propose against the requirements of the cutting procedures provided within the unit internal assessment. Furthermore, the learner will learn the fundamental underpinning knowledge relevant to thermal and plasma cutting processes including, safety, use of equipment and choice of consumables.

This unit involves the use of tools, equipment or machinery and as such must be delivered in a secure and safe environment; learners must be supervised at all times by competent and qualified staff to ensure their safety. All tools, equipment or machinery must be maintained and presented in a safe and fit state for use.

The higher risk activities within this unit require safeguarding at all times.

Summary of learning outcomes

The learner will:

1. Produce straight line cuts on plate in the PA flat position.
2. Produce radial line cuts on plate in the PA flat position.

3. Produce a annular disc on plate in the PA flat position.
4. Produce a straight cut on structural steel section in the PA flat and PG vertical down position.
5. Produce a rectangular cut-out on plate in the PC horizontal and PG vertical down position.
6. Know the process and Health & Safety requirements of thermal and plasma cutting.

Appendix 2: Learner Registration and 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 online at the EAL Website www.eal.org.uk. For paper-based registration and certification use the appropriate forms. These are located on the EAL Website, for guidance on registration and Certification please refer to the Registration and Certification User Guide.

To register the learner on the chosen qualification code:

Title:	Code:
EAL Level 1 Award in Introductory Welding Skills	600/1903/7
EAL Level 1 Award in Introductory Tungsten Inert Gas Welding Skills	600/2170/6
EAL Level 1 Award in Introductory Metal Inert Gas Welding Skills	600/2171/8
EAL Level 1 Award in Introductory Manual Metal Arc Welding Skills	600/2172/X
EAL Level 1 Award in Introductory Oxy – Acetylene Welding Skills	600/2173/1
EAL Level 1 Award in Introductory Brazing and Soldering Skills	600/6003/7
EAL Level 1 Award in Introductory Thermal and Plasma Cutting Skills	600/5801/8