

# 30498QLD Course in Operating Pressure Equipment

## CLASSIFICATION

ASCO	4121-11
ANZSIC	2949
Field of Study	0602
Stream of Study	0399
Accreditation Dates	31.03.2005 – 30.03.2010

**Version 2  
January 2006**

## VERSION HISTORY

Version 1	March 2005	Original Accreditation
Version 2	19/1/06	Course amended in accordance with recommendations outlined in report, Integrated Auditing of OHS and VET requirements for prescribed occupations.

# TABLE OF CONTENTS

## Part A: GENERAL INFORMATION

1.	Course copyright holder .....	1
2.	Course developer .....	1
3.	Address for course copyright holder/course developer.....	1
4.	Contact details for the course developer.....	1
5.	Type of submission .....	1
6.	Copyright information .....	1
7.	Licensing and franchising arrangements .....	1
8.	Course accrediting body.....	2
9.	AVETMISS information .....	2
10.	Period of accreditation.....	2

## Part B: COURSE INFORMATION

<b>1.</b>	<b>Nomenclature .....</b>	<b>3</b>
1.1	Name of the course .....	3
1.2	Nominal duration .....	3
<b>2.</b>	<b>Development of the course.....</b>	<b>3</b>
2.1	Industry/enterprise/community needs .....	3
2.2	Review for Accreditation .....	4
<b>3.</b>	<b>Course outcomes .....</b>	<b>5</b>
3.1	Course level .....	5
3.2	Competency standards .....	5
3.3	General competencies .....	5
3.4	Recognition given to the course.....	6
3.5	Licensing/regulatory requirements .....	6
<b>4.</b>	<b>Course rules.....</b>	<b>8</b>
4.1	Course structure.....	8
4.2	Entry requirements .....	8
4.3	Pathways.....	8
4.4	Customisation.....	8
4.5	Contextualisation.....	8
<b>5.</b>	<b>Assessment.....</b>	<b>9</b>
5.1	Assessment strategy .....	9
5.2	Assessor competencies .....	10
5.3	Workplace assessment .....	10
5.4	Recognition or prior learning .....	10

<b>6.</b>	<b>Delivery</b> .....	<b>11</b>
6.1	Delivery modes .....	11
6.2	Resources .....	11
<b>7.</b>	<b>Articulation and Credit Transfer</b> .....	<b>12</b>
7.1	Articulation/credit transfer details.....	12
<b>8.</b>	<b>Ongoing Monitoring and Evaluation</b> .....	<b>12</b>

## **PART C: UNITS OF COMPETENCY**

- OHSCER239A Operate a basic boiler
- OHSCER240A Operate a intermediate boiler
- OHSCER241A Operate a advanced boiler
- OHSCER242A Operate a turbine
- OHSCER243A Operate a reciprocating steam engine
- OHSCER214A Maintain refrigeration plant

### **ATTACHMENTS**

- A** - Occupational Health and Safety Certification Training and Assessment Delivery Guide
- B** – Acronyms commonly used in the VET sector
- C** – Glossary of terms commonly used in the VET sector
- D** – Course Licence Agreement Explanatory Notes and Special Conditions

## **PART A: GENERAL INFORMATION**

### **1. Course copyright holder**

Department of Industrial Relations  
Workplace Health and Safety Queensland

All occupational health and safety authority jurisdictions have copyright of this course, however Queensland is the lead copyright holder.

© The copyright owners have appointed Workplace Health and Safety Queensland (State of Queensland, Department of Industrial Relations) as the lead copyright owner, with the authority to enter into distribution and licensing agreements for this course on behalf of all the copyright owners.

### **2. Course developer**

Department of Employment and Training

### **3. Address for course copyright holder/course developer**

Workplace Health and Safety Queensland  
GPO Box 69  
Brisbane Qld 4001

Training Product Support Unit  
GPO Box 527  
Brisbane Qld 4001

### **3. Contact details for course developer**

Peter Eickenloff  
Project Manager  
Licensing line national projects  
Department of Employment and Training  
Ph: (07) 3247 1427  
Fax: (07) 3237 0356  
Email: [peter.eickenloff@det.qld.gov.au](mailto:peter.eickenloff@det.qld.gov.au)

### **4. Type of submission**

Initial Accreditation

### **5. Copyright information**

© The copyright owners have appointed Workplace Health and Safety Queensland (State of Queensland, Department of Industrial Relations) as the lead copyright owner, with the authority to enter into distribution and licensing agreements for this course on behalf of all the copyright owners.

Copyright protects this publication. Except for purposes permitted by the Copyright Act reproduction, adaptation, electronic storage and communication to the public is prohibited without written permission.

The Australian National Training Authority (ANTA), and its successor agencies within the Commonwealth of Australia are granted a non-exclusive, non-revocable licence to use and incorporate this course, its competency descriptors and framework into national training packages in the future. The copyright of any such incorporated material into national training packages will be as per the agreement between ANTA and the Department of Employment and Workplace Relations (Commonwealth).

## **6. Licensing and franchise arrangements**

Workplace Health and Safety Queensland, acting on behalf of the copyright owners, has appointed the Centre for Training Materials, Queensland Department of Employment and Training as the licensor and distributor of this course. All parties wishing to licence this course or to develop resources supporting this course should contact:

The Centre for Training Materials  
Department of Employment and Training  
GPO Box 1326  
BRISBANE QLD 4001  
PH: (07) 3248 4675  
Fax: (07) 3248 4670

## **7. Course accrediting body**

Training and Employment Recognition Council Queensland

## **8. AVETMISS information**

ASCO:  
Field of Study:  
ANZIC:  
QICC:

## **9. Period of accreditation**

31 March 2005 to 30 March 2010

## **PART B: COURSE INFORMATION**

### **1. Nomenclature**

#### 1.1 Name of the course

30498QLD Course in Operating Pressure Equipment

#### 1.2 Nominal duration of the course

This course consists of 6 units of competency. The nominal duration for each unit of competency ranges from 30 – 60 nominal (supervised training and assessment only – 26–52 hours supervised training, 4-8 hours supervised assessment). In addition the learner is required to undertake on-the-job training ranging from 30 – 60 nominal hours depending on the unit of competency the learner requires.

### **2. Development of the course**

#### 2.1 Industry/enterprise/community needs

Occupational health and safety (OHS) authorities and training authorities across Australia have been working closely to ensure that OHS regulatory requirements are incorporated within the national training system in a nationally consistent manner.

There are a number of recommendations detailed within the Road to Transition—Improved Pathways for Operator Certification report to support short, medium and long term initiatives to integrate certification training and assessment requirements within the vocational education and training (VET) system. A key recommendation to support the short term initiatives is the development of accredited training courses.

Workplace Health and Safety Queensland have indicated that they will sponsor the development of the course in conjunction with the Licensing line national project team. All jurisdictions were provided with the opportunity to be included as joint copyright holders of the course documentation before it is submitted for accreditation.

These units of competency are based on the National Occupational Health and Safety Commission (NOHSC) units of competency and have been developed over the last two years with stakeholder workshops in Brisbane and Sydney. In addition the National Certification Working Group consisting of OHS regulators from all states/territories have been part of the consultation process and have been involved in briefings in Brisbane, Hobart, Sydney, Perth and Melbourne.

To address the identified market need a Course Development Advisory Committee (CDAC) was convened to progress the development of an interim course until such time that training for loadshifting equipment to address regulatory licensing requirements is addressed to the satisfaction of OHS regulators by a training package(s). The CDAC membership with its broad industry representation is listed on the next page.

**CDAC representation**

Julie Collins (Chair) Peter Hopner	National Occupational Health and Safety Commission
Mal Bates (Deputy Chair)	Construction Training Queensland
John Miguel	Accredited Providers Association
Wayne Hughes	Workplace Health and Safety Queensland
Bob Roberts	Open Learning Institute of TAFE
Peter Leslie	Transport Distribution ITAB (Qld)
Chris Price	CFMEU
John Christian/Stuart Ralf	CSTC
Robin Scott	Workplace Services, South Australia
Greg Balka	WorkCover Victoria
Daryl Lord	Ausfork Pty Ltd
Peter Eickenloff, Kevin Hunt, Robyn Porter, Ron North	Department of Employment and Training

An expert working group met in Sydney on 23 May 2003 to provide initial advice on the units of competency. The expert working group including the following:

<b>Name</b>	<b>Organisation represented</b>
Stewart Ralf	Construction Skills Training Centre (QLD)
Graeme Robins	National Registered Assessors Association (VIC)
Fred Tubaro	National Registered Assessors Association (NSW)
John Miguel	Queensland Association of Accredited Providers (QLD)
Eric Nicholas	Queensland Association of Accredited Providers (QLD)
Harry Ennis	Construction Industry Training Centre Inc (SA)
Greg Balka	Worksafe Victoria (VIC)
Dennis Gazlay	ACT WorkCover (ACT)
Ross Stewart	Worksafe WA (WA)
Ian Tuit	WorkCover NSW (NSW)
Pam Estreich	WorkCover NSW (NSW)
Jim McAuliffe	WorkCover NSW (NSW)
Wayne Hughes Gary Maker	Division of Workplace Health and Safety (QLD)

An additional meeting was held in Brisbane on 8 August 2003. Representatives included:

<b>Name</b>	<b>Organisation represented</b>
John Garvey	Department of Administration and Information Services, South Australia
Bob Roberts	Open Learning Institute of TAFE
George Preston	George Preston Safety Consultant
Michael Temple	Michael Temple Safety Management
Peter Panagis	Queensland Association of Accredited Providers
Ron North Rod Brownsey Kevin Hunt Peter Eickenloff	Department of Employment and Training, Queensland

**2.2 Review for re-accreditation**

Not applicable.

### 3. Course outcomes

#### 3.1 Course level

On successful completion of the unit of competency the learner will attain the **minimum** training and assessment standards for the purpose of certification for the safe operation of pressure equipment.

The learner receives a Statement of Attainment for each unit of competency successfully completed.

Before a Statement of Attainment can be issued by the Registered Training Organisation, the learner must undertake specific on-the-job training in a work environment or replicated industrial work environment and undertake a mandatory challenge test. The period of on-the-job training ranges from 30 – 60 hours depending on the unit of competency.

A licence may be issued by the relevant OHS authority upon receiving and application from the learner which includes the Statement of Attainment and any other information/documents required by the OHS authority. Further information on licence eligibility and licence application timelines should be obtained from the relevant OHS authority.

#### 3.2 Competency standards

The units developed are consistent with information from the *National Guidelines for Occupational Health and Safety Competency Standards for the Operation of Loadshifting Equipment and Other Types of Specified Equipment [NOHSC:7019 (1992)]* (refrigeration only) and *National Occupational Health and Safety Certification Standard for Users and Operators of Industry Equipment [NOHSC:1006 (2001)]* which is the minimum legal requirements to operate specific high risk equipment without supervision.

In addition, this course is consistent with the recommendations of the report *Road to Transition—Improved Pathways for Operator Certification*.

In addition to this course, any person who will be working in a construction environment will also be required to meet any state/territory and employer Construction Induction requirements.

No training package units of competency currently address the regulatory authority licensing requirements. Whilst MEM7.33AA Operate and monitor basic boiler and FPIWPP425A Operate steam boiler are contained within training packages neither of these units are recognised by licensing authorities in regulations for the purposes of licensing. This situation is currently being addressed nationally with amendments being made to training package units to address licensing requirements. Accordingly this course has been recognised in the Workplace Health and Safety Regulations for licensing purposes until such time as licensing authorities are in a position to amend regulations to recognise specific units from training packages.

#### 3.3 General competencies

The following Mayer Key Competencies are addressed in the course.

KC1 Collecting, analysing and organising information

KC2 Communicating ideas and information

KC3 Planning and organising activities  
KC4 Working with others and in teams  
KC5 Using mathematical ideas and techniques  
KC6 Solving problems  
KC7 Using technology

Performance levels:

Performance level 1 describes the competence needed to undertake activities efficiently and with sufficient self-management to meet the explicit requirements of the activity and to make judgements about quality of outcome against established criteria.

Performance level 2 describes the competence needed to manage activities requiring the selection, application and integration of a number of elements, and to select from established criteria to judge quality of process and outcome.

Performance level 3 describes the competence needed to evaluate and reshape processes, to establish and use principles in order to determine appropriate ways of approaching activities, and to establish criteria for judging quality of process and outcomes.

Refer to the unit of competency for the performance level for each key competency.

### 3.4 Recognition given to the course

This course has been validated by representatives from industry and professional bodies as meeting the **minimum** training and assessment standards for the purpose of certification for the safe operation of pressure equipment. (Refer to CDAC). The employer will need to ensure ongoing training is undertaken to meet workplace regulatory requirements.

The course has been circulated widely for stakeholder feedback and comment. Some of the organisations the course has been distributed to include:

- WorkCover Victoria
- WorkSafe, Western Australia
- Workplace Health and Safety Queensland
- Workplace Services, South Australia
- WorkCover, ACT
- Workplace Standards, Tasmania
- Worksafe, Northern Territory
- WorkCover, New South Wales
- Local Government Association of Queensland
- Queensland Council of Unions
- Australian Workers Union
- Transport and Distribution ITAB
- TAFE Queensland
- CFMEU (FEDFA Branch) Queensland
- Accredited Provider Association, Queensland
- Australian Industry Group
- ACTU

Before any licence to operate pressure equipment can be issued there may be additional jurisdictional regulator requirements that need to be addressed.

### 3.5 Licensing/regulatory requirements

The establishment of this course is to meet national OHS certification requirements. It is expected that a Memorandum of Understanding between OHS authorities and training authorities will need to be established in each state/territory before the OHS authority will accept the completion of the training for the purposes of OHS certification.

Accordingly the course will need to reflect national regulator requirements which have been established as part of the joint Australian National Training Authority (ANTA)-NOHSC report *Road to Transition – Improved Pathways for Operator Certification*. It is intended that any requirements will be outlined in the course and the Occupational Health and Safety Certification Training and Assessment Delivery Guide to reduce the need for the OHS regulators to specify additional requirements over and above the provisions established for the course.

It is important to clarify the use of the word licence or certification in this document. The Licence to Skill report (ANTA:4) defined an occupational licence broadly as:

*An occupational licence includes any form of regulation that restricts entry to an occupation or a profession to those who meet competency-related requirements stipulated by a regulatory authority.*

OHS Authorities generally refer to certification when referring to this particular occupational licensing scheme, though state/territory legislation may use slightly different words. For the purposes of this document only the use of the words certification or licence/licensing will be referring to the requirements based on the NOHSC Guideline:7019 *National Guidelines for Occupational Health and Safety Standards for the Operation of Loadshifting Equipment and Other Types of Specified Equipment* (refrigeration only) and NOHSC Standard 1006 *National Occupational Health and Safety Certification Standard for Users and Operators of Industry Equipment*, other NOHSC guidance material and any state/territory specific related requirements.

This course has been developed to meet the training and assessment requirements however you will need to contact the state/territory OHS authority for specific licensing requirements.

This requirement may change pending the review of *NOHSC:7019 National Guidelines for Occupational Health and Safety Standards for the Operation of Loadshifting Equipment and Other Types of Specified Equipment* and *NOHSC:1006 National Occupational Health and Safety Certification Standard for Users and Operators of Industry Equipment*

Legislation applies to all courses, for example OHS, anti-discrimination and vocational education and training.

## 4. Course rules

### 4.1 Course structure

This course is comprised of 6 units of competency. Successful completion of the assessment component in the specific unit of competency being undertaken must be achieved before a Statement of Attainment for a particular unit of competency can be issued.

Unit Code	Unit Name	Supervised Hours (Nominal hours)	On-the-Job Hours (Nominal hours)
OHSCER239A	Operate a basic boiler	60	60
OHSCER240A	Operate a intermediate boiler	60	60
OHSCER241A	Operate a advanced boiler	30	30
OHSCER242A	Operate a turbine	60	60
OHSCER243A	Operate a reciprocating steam engine	60	60
OHSCER214A	Maintain refrigeration plant	40	40
<b>Minimum hours</b>		30	30

Before a Statement of Attainment can be issued by the Registered Training Organisation, the learner must undertake specific on-the-job training in a work environment or replicated industrial work environment and undertake a mandatory challenge test. The period of on-the-job training ranges from 30 – 60 hours depending on the unit of competency.

A licence may be issued by the relevant OHS authority upon receiving and application from the learner which includes the Statement of Attainment and any other information/documents required by the OHS authority. Further information on licence eligibility and licence application timelines should be obtained from the relevant OHS authority.

### 4.2 Entry requirements

There are no specific entry requirements for this course, however regulatory authorities may have minimum age requirements to meet licensing regulations within their jurisdiction.

If a participant does not have access to a suitable workplace to complete the on-the-job training component they will need to discuss with the Registered Training Organisation strategies to address this requirement such as arranging a suitable industry placement or a realistically simulated worksite.

Industry placement under the relevant state/territory legislation covers the unpaid placement of the student with a suitable business that has the facilities, the range of work, supervision and training required under the training plan for the Industry Placement. In Queensland, 'Industry Placement' is covered under the Vocational Education, Training and Employment Act 2000, Chapter 4 (Vocational Placement)

### 4.3 Pathways

The pathway supported by the RTO is to support the development of the practical skills and theoretical knowledge required to support the achievement of competency in this course. This can include (but is not limited to) a combination of RTO delivered training or employer delivered training, recognition of prior learning together with ensuring that the mandatory challenge test is undertaken as part of the assessment. The OHS certification Training and Assessment Delivery Guide provides further guidance and can be located at Attachment A.

The pathway must include a number of practical observations on the specific pressure equipment being trained to operate before the learner has a formal assessment which integrates the OHS authority assessment requirements (assessment instruments). These practical observations must be signed off by **an appropriately** qualified (licenced) and experienced operator on the equipment being trained to operate in a **log book** before the learner can undertake the formal assessment to demonstrate competence and allow the qualification to be issued.

A mandatory **challenge test\*** is required in accordance with the licensing/regulatory authority assessment requirements as outlined in the OHS Training and Assessment Delivery Guide, the evidence guide of the unit of competency and the assessment instruments. To meet OHS regulator requirements a **challenge test** is defined as successfully completing the written knowledge test or written assignment as required followed by a practical test to demonstrate competence against the OHS assessment instrument.

#### 4.4 Customisation

This course cannot be customised.

#### 4.5 Contextualisation

Refers to the addition of industry or enterprise/organisation specific information to a unit of competency to tailor the standard to reflect the immediate operating context.

Contextualisation must be in accordance with the OHS authority assessment requirements (assessment instruments) and in accordance with the Guidelines for customisation of Accredited Courses under the AQTF as outlined in pages 26 to 28 of AQTF Guidelines for Course Developers.

Refer to Attachment C - Glossary of this document.

## 5. Assessment

### 5.1 Assessment strategy

Assessment is the gathering of evidence of competent performance. The assessment must be used to verify underpinning knowledge and skills and competence in the units of competency. The assessment strategy must be valid, reliable, flexible, fair and consistent. Assessment should be done in a holistic, integrated manner. The operation of the equipment contained in this course is classified as 'high risk' under the Workplace Health and Safety Legislation therefore, all participants need to undertake supervised on-the-job training to gain on-the-job experience. All practical assessments will be undertaken in a real work environment or a replicated industrial work environment.

All assessments must be conducted in accordance with Standard 8 (RTO assessments) and Standard 9 (Learning and assessment strategies) of the Australian Quality Training Framework (AQTF) Standards for RTOs and within the parameters of units specified in the Training Package for Workplace Training and Assessment (BSZ98) or those units specified within the Training and Assessment Training Package (TAA04).

For a learner to be deemed successful in a competency, the following aspects need to be addressed:

- The learner must possess the underpinning knowledge relating to the subject
- The learner must have demonstrated the use of this knowledge in the workplace
- The learner needs to be able to use the knowledge and skills in an industrial context to demonstrate competency across a range of situations or applications, to an acceptable workplace standard within any stipulated regulatory timeframe.

Assessment must be carried out according to the evidence guide of the unit of competency.

The following assessment strategies are mandatory and must be by:

- Demonstrated performance assessment
- Written knowledge test or written assignment
- Logbook (verifying relevant work experience)

Supplementary assessments strategies to gather supporting information could be by:

- Questioning
- Interview
- Scenario/problem solving
- Critical incident report
- Workplace performance.
- Assessment must be applied in a real work environment or replicated industrial work environment. A replicated industrial work environment must be a realistic simulation of a workplace that supports the development of the practical skills and theoretical knowledge required to achieve of competency in this course.

A mandatory **challenge test\*** is required in accordance with the licensing/regulatory authority assessment requirements as outlined in the OHS Training and Assessment Delivery Guide, the evidence guide of the unit of competency and the assessment instruments. To meet OHS regulator requirements a **challenge test** is defined as successfully completing the written knowledge test or written assignment as required followed by a practical test to demonstrate competence against the OHS assessment instrument.

Assessment is also to be undertaken in accordance with the requirements of licensing regulators and OHS authorities as outlined in the OHS Certification Training and Assessment Delivery Guide.

## 5.2 Assessor competencies

All RTOs delivering this course must ensure that assessors meet the requirement of Standard 7 (The competency of RTO staff) within the AQTF Standards for RTOs). The requirements of standard 7.3 in relation to assessor competencies are:

7.3 a The RTO must ensure assessments are conducted by a person who has:

i the following competencies<sup>3</sup> from the Training and Assessment Training Package or is able to demonstrate equivalent competencies:

a TAAASS401A Plan and organise assessment

b TAAASS402A Assess competence

c TAAASS404A Participate in assessment validation

ii relevant vocational competencies, at least to the level being assessed.

**b** However, if a person does not have the assessment competencies as defined in standard 7.3 a i and the vocational competencies as defined in standard 7.3 a ii, one person with all the assessment competencies listed in standard 7.3 a i and one or more persons who have the vocational competencies listed in standard 7.3 a ii may work together to conduct the assessments. **(Courses conducted using team based assessment models will not be recognised by occupational health and safety jurisdictions for licensing purposes).**

<sup>3</sup> A person who holds the competencies BSZ401A Plan assessment, BSZ402A Conduct assessment, and BSZ403A Review assessment from the Training Package for Assessment and Workplace Training will be accepted for the purposes of this standard. A person who has demonstrated equivalent competencies to BSZ401A and BSZ402A and BSZ403A in the period up to 12 months following publication of the Training and Assessment Training Package will also be accepted for the purposes of this standard.

**7.3 footnote 3 means that if an assessor holds BSZ401A, BSZ402A and BSZ403A from the Training Package for Assessment and Workplace Training (BSZ98), they do not have to upgrade their competencies to comply with the revised standard.**

**If an assessor demonstrates competencies equivalent to BSZ401A, BSZ402A and BSZ403A from the Training Package for Assessment and Workplace Training (BSZ98) at any stage prior to 23 November 2005, then the assessor will be considered to have met the requirements of the revised standard and will not have to upgrade his/her competencies.**

**From 24 November 2005, for compliance with this standard, an RTO must be able to provide evidence that any new assessors employed after 24 November 2005 to conduct assessment, hold TAAASS401A, TAAASS402A and TAAASS404A in the Training and Assessment Training Package (TAA04) or that they demonstrate equivalent competencies to the competencies in the TAA04.**

In complying with AQTF in Standard 7, RTOs must also comply with AQTF Standard 2 generally and AQTF Standard 2.1(i) specifically in relation to OHS requirements.

The following are specific requirements of OHS authorities in relation to assessor requirements:

1. OHS authorities require that the minimum AQTF requirements are applied to assessors conducting the mandatory performance assessment and written knowledge test or written assignment.

2. Considering the vocational competency requirements of an assessor in accordance with 7.3 a (ii) of the AQTF Standards for RTOs, OHS authorities require that assessors have a minimum of 5 years relevant industry and operational experience after having met the licensing/regulatory requirements.

**(Courses conducted using team based assessment models will not be recognised by occupational health and safety jurisdictions for licensing purposes).**

3. Assessors must also hold an OHS licence for the relevant equipment.
4. Assessors are to have a written determination that they meet OHS licensing requirements for assessors from each relevant OHS licensing authority.

(Due to the high risk nature of the areas covered by the units of competency in this course the additional licensing authority requirements are required to enable the unit of competency outcomes to be recognised for the purposes of licensing.

### 5.3 Workplace assessment

Where workplace assessment is to be undertaken in accordance with the requirements of licensing regulators and OHS authorities as outlined in the OHS Certification Training and Assessment Delivery Guide (Attachment A).

The operation of the equipment contained in this course is classified as 'high risk' under the Workplace Health and Safety Legislation therefore, all participants need to undertake supervised on-the-job-training to gain on-the-job experience. All practical assessments will be undertaken in a real work environment or replicated industrial workplace.

A mandatory **challenge test\*** is required in accordance with the licensing/regulatory authority assessment requirements as outlined in the OHS Training and Assessment Delivery Guide, the evidence guide of the unit of competency and the assessment instruments. To meet OHS regulator requirements a **challenge test** is defined as successfully completing the written knowledge test or written assignment as required followed by a practical test to demonstrate competence against the OHS assessment instrument.

If a participant does not have access to a suitable workplace to complete the on-the-job training component they will need to discuss with the Registered Training Organisation strategies to address this requirement such as arranging a suitable industry placement or a realistically simulated worksite. Industry placement under the relevant state/territory legislation covers the unpaid placement of the student with a suitable business that has the facilities, the range of work, supervision and training required under the training plan for the Industry Placement. In Queensland, 'Industry Placement' is covered under the Vocational Education, Training and Employment Act 2000, Chapter 4 (Vocational Placement)

A replicated industrial work environment must be a realistic simulation of a workplace that supports the development of the practical skills and theoretical knowledge required to achieve of competency in this course, and which conforms to the requirements of the OHS authority assessment instrument.

## 5.4 Recognition of prior learning

Recognition of prior learning (RPL) policies and practices of RTOs delivering this course must conform to the requirements of Standard 8.2 of the AQTF Standards for RTOs. Under the AQTF RTOs must provide adequate information and support to enable applicants to gather reliable evidence in support of their claim for recognition of units of competency currently held.

Due to the high risk nature of this activity learners who through prior learning or experience believe they have gained competence in the operation of the specific pressure equipment, may be granted RPL upon substantiation of that claim.

A mandatory **challenge test**\* is required in accordance with the licensing/regulatory authority assessment requirements as outlined in the OHS Training and Assessment Delivery Guide, the evidence guide of the unit of competency and the assessment instruments. To meet OHS regulator requirements a **challenge test** is defined as successfully completing the written knowledge test or written assignment as required followed by a practical test to demonstrate competence against the OHS assessment instrument.

## 6. Delivery

### 6.1 Delivery modes

In delivering this course, RTOs are also able to use a range of delivery modes and flexibility in their approach to better meet client needs. This must be consistent with the course rules, customisation guidelines and the OHS Certification Training and Assessment Delivery Guide.

The selection of delivery modes is to reflect the requirements of OHS licensing/regulatory authorities as outlined in the OHS Certification Training and Assessment Delivery Guide (Attachment A) and the OHS authority assessment guidelines (including assessment tool).

This course may be delivered flexibly— full time, part time, on the job, off the job or through recognition of prior learning.

Where necessary the RTO will provide assistance for learners who require additional support.

### 6.2 Resources

#### 6.2.1 Trainers

All RTOs delivering this course must ensure that trainers meet (or exceed) the requirements of Standard 7 (The competence of RTO staff) within the AQTF Standards for RTOs. The requirements of standard 7.4 in relation to trainer competencies are:

7.4 The RTO must ensure that training is delivered by a person who:

- i holds the Certificate IV in Training and Assessment<sup>4</sup> from the Training and Assessment Training Package or is able to demonstrate equivalent competencies or
- ii is under the direct supervision<sup>5</sup> of a person who has the competencies specified in standard 7.4 i and
- iii is able to demonstrate vocational competencies, at least to the level of those being delivered.

<sup>4</sup> A person who holds the Certificate IV in Assessment and Workplace Training from the Training Package for Assessment and Workplace Training (BSZ98) will be accepted for the purposes of this standard. A person who has demonstrated equivalent competencies to the Certificate IV in Assessment and Workplace Training in the period up to 12 months following publication of the Training and Assessment Training Package will also be accepted for the purposes of this standard.

<sup>5</sup> Direct supervision is achieved when a person delivering training on behalf of the RTO has regular guidance, support and direction from a person designated by the RTO who has the competencies in standard 7.4 i and who monitors and is accountable for the training delivery. It is not necessary for the supervising person to be present during all training delivery.

**7.4 footnote 4 means that if a trainer holds the Certificate IV from the Training Package for Assessment and Workplace Training (BSZ98), they do not have to upgrade their qualification to comply with the revised standard. If a trainer demonstrates competencies equivalent to the Certificate IV from BSZ98 at any stage prior to 23 November 2005, then the trainer will be considered to have met the requirements of the revised standard and will not have to upgrade his/her competencies.**

**From 24 November 2005, for compliance with standard 7.4, an RTO must be able to provide evidence that any new trainers employed on or after 24 November 2005 hold the Certificate IV in Training and Assessment from the Training and Assessment Training Package (TAA04) or that they demonstrate equivalent competencies to those in the TAA04 Training Package.**

As part of addressing the vocational competency requirement trainers must also hold an OHS licence for the relevant equipment.

### 6.2.2 Physical resources

RTOs must have access to the specific pressure equipment for training and assessment. Where the RTO utilises equipment owned by others, the RTO must have documented partnership arrangements in accordance with Standard 1.6 a, b and c of the AQTF. Also the RTO must have access to the facilities, training and assessment materials required to provide the training and/or assessment services within its scope of registration and scale of operations, to accommodate client numbers, client needs, delivery methods and assessment requirements in accordance with the requirements of Standard 9.4 within the AQTF Standards for RTOs.

#### *Physical environment*

Registered training organisations will provide a physical environment which:

- is conducive to learning and student's well being
- reflects workplace practice
- satisfies the requirements of the OHS legislation for the jurisdiction the training and assessment is occurring, regulations, compliance standards and advisory standards
- satisfies local government requirements
- address access and equity issues.

#### *Physical resources*

Participants shall have access to physical resources which meet the following criteria:

- Tools and equipment appropriate to operating specific pressure equipment
- Specifications and work instructions
- Pressure equipment
- Communication equipment

## **7. Articulation and credit transfer**

### 7.1 Articulation and credit transfer

Not applicable.

## **8. Ongoing monitoring and evaluation**

Regular monitoring and evaluation of this course will be conducted mainly by those involved in its implementation. The CDAC will act as a reference body. To ensure objective evaluation, representatives with relevant qualifications or experience in the industry and who are not directly involved with the delivery of the course, might be utilised where possible.

Evaluation of this course will occur every twelve months focusing on:

- if the accredited course continues to meet current industry, enterprises and/or community groups
- if a training package has been endorsed and includes qualifications similar to the accredited course or which may have some bearing on the articulation
- changes to national competency standards
- developments in assessment methodology
- changes to regulatory, licensing or legislative requirements.