



EE-Oz Training Standards Australia

Refrigeration and Air Conditioning Offshore-Onshore Trade Skills Assessment

March 2011

**An Australian Government declared
Industry Skills Council for ElectroComms
and EnergyUtilities**



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1. Off Shore/On Shore Assessment – Skilled Migration

- Off Shore Assessment and issue of OTSR
 - accredited course used for Gap Training for Electrician and Refrigeration and Air Conditioning qualification
- Subclass 457 Visa Program – on shore assessment and issue of OTSR
 - accredited course used for Gap Training



2. Skills Recognition International (SRI)

2006 Council of Australian Governments (COAG) agreed new arrangements to make it easier for migrants with skills to work as soon as they reach Australia

COAG initiative aims to:

- assist with addressing Australian skill shortages
- provide skilled migrants with better employment opportunities on arrival in Australia
- provide industry with a skilled work ready group of employees



3. Countries and Trades

Nominated Countries	Nominated Trades
<p>India</p> <p>Sri Lanka</p> <p>United Kingdom</p> <p>South Africa</p> <p>Philippines</p> <p>NOTE: Candidates from other countries can 'opt in' to process and be assessed in one of the nominated countries</p>	<ul style="list-style-type: none"> •general electrician •refrigeration & air-con mechanic •motor mechanic •general plumber •carpenter •joiner •bricklayer •cable jointer •electrical powerline tradesperson •Supervisor occupations in the above trades



4. Assessment Features

- Demonstration of achievement of competency against Australian industry standards
- Assessment benchmark - AQF qualifications / units of competency
- Focus on
 - collection of quality evidence
 - practical skills assessment
- Consistent approach across each trade in all countries
- Quality assured process and integrity of results at all stages
- Successful candidates will receive Offshore Technical Skills Record (OTSR) and entitlement to apply for a provisional licensing



5. Assessment Process

Step 1 – Information & self-assessment tool

Provision of information (web site, telephone, email enquiry service)
Print-based or online application
Self-assessment tool

Step 2 – Competency Profile (Paper-based)

Identity established
Evidence review process

- Training - qualifications / training certificates
- Work experience
- Other - licenses / industry recognition
- Determine technical interview

Step 3 – Skills assessment

- Technical interview (oral / written)
- Practical skills assessment
 - challenge test
 - simulated activities

Outcome

Assessment letter for migration
Offshore Technical Skills Record (licensed trades)
Qualification (non-licensed trades)

Integrity checking

throughout process

- Identity
- Documentation

Review and appeal process



6. Assessment Outcome

Successful applicants

- assessment letter for migration purposes issued by RTO
 - **Licensed trades**
 - Offshore Technical Skills Record (OTSR)
 - entitlement to provisional licensing - includes advice on gap training in Australia

Unsuccessful applicants

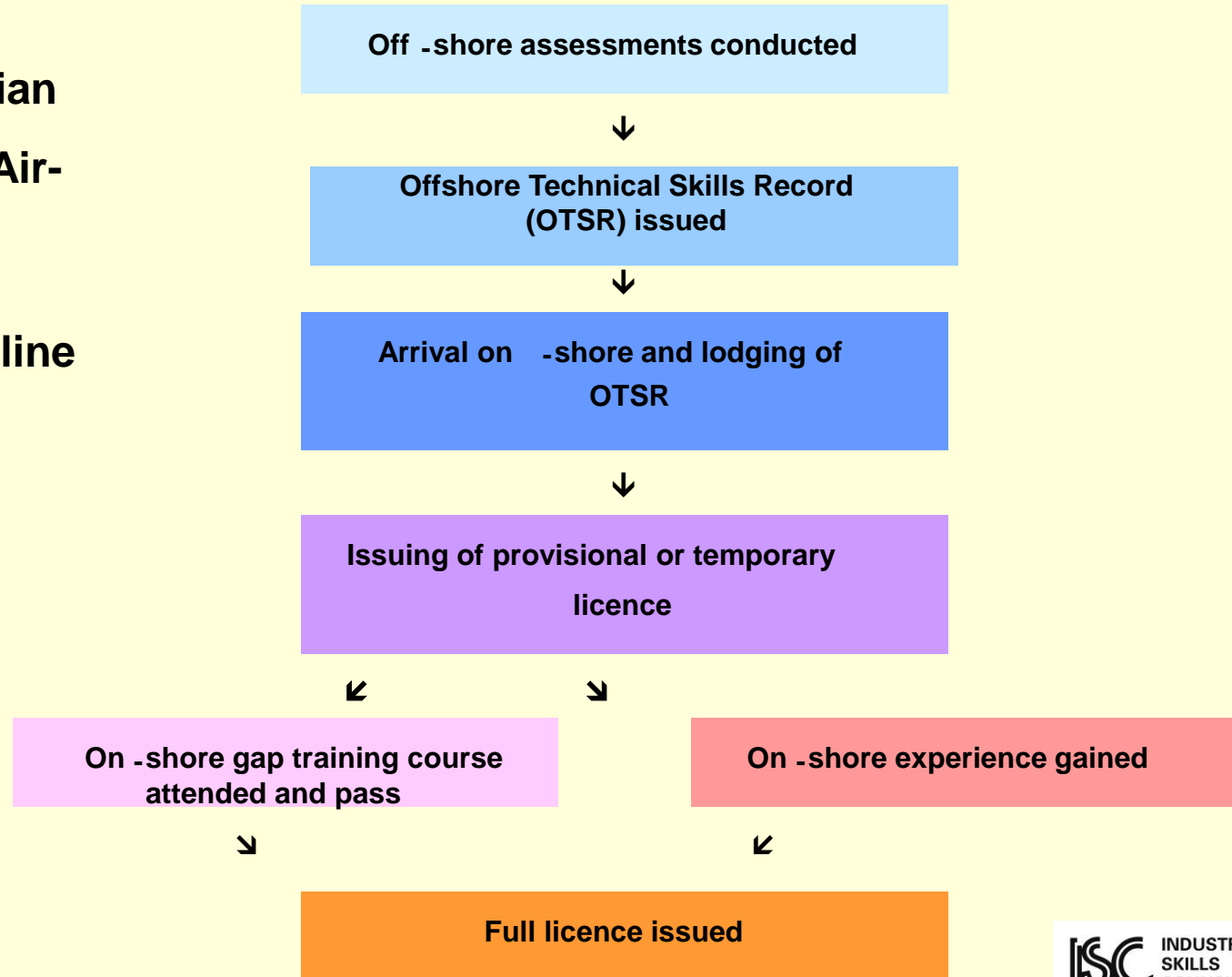
- Statement of Attainment
- Record of assessment
- Advice on skills gap training



7. Offshore Technical Skills Record

For:

- General Electrician
- Refrigeration & Air-Conditioning Mechanic
- Electrical Powerline
- Cable Jointers





8. OTSR and Licences

OTSR a nationally recognised form of documentation that provides entitlement for a provisional license. All state and territory regulatory bodies have agreed for OTSR to be accepted as a form of 'entry level' license

Licensing and registration is a state based responsibility in Australia and there are different titles for provisional licenses used in different states (for example Electrical Work Permit in Queensland, 'L' license in Victoria)

For full license / registration (will vary depending upon regulatory / licensing body):

- gap training

- work experience

New COAG agreement to work towards a national licensing system to remove inconsistencies and allow easier mobility of workers between states



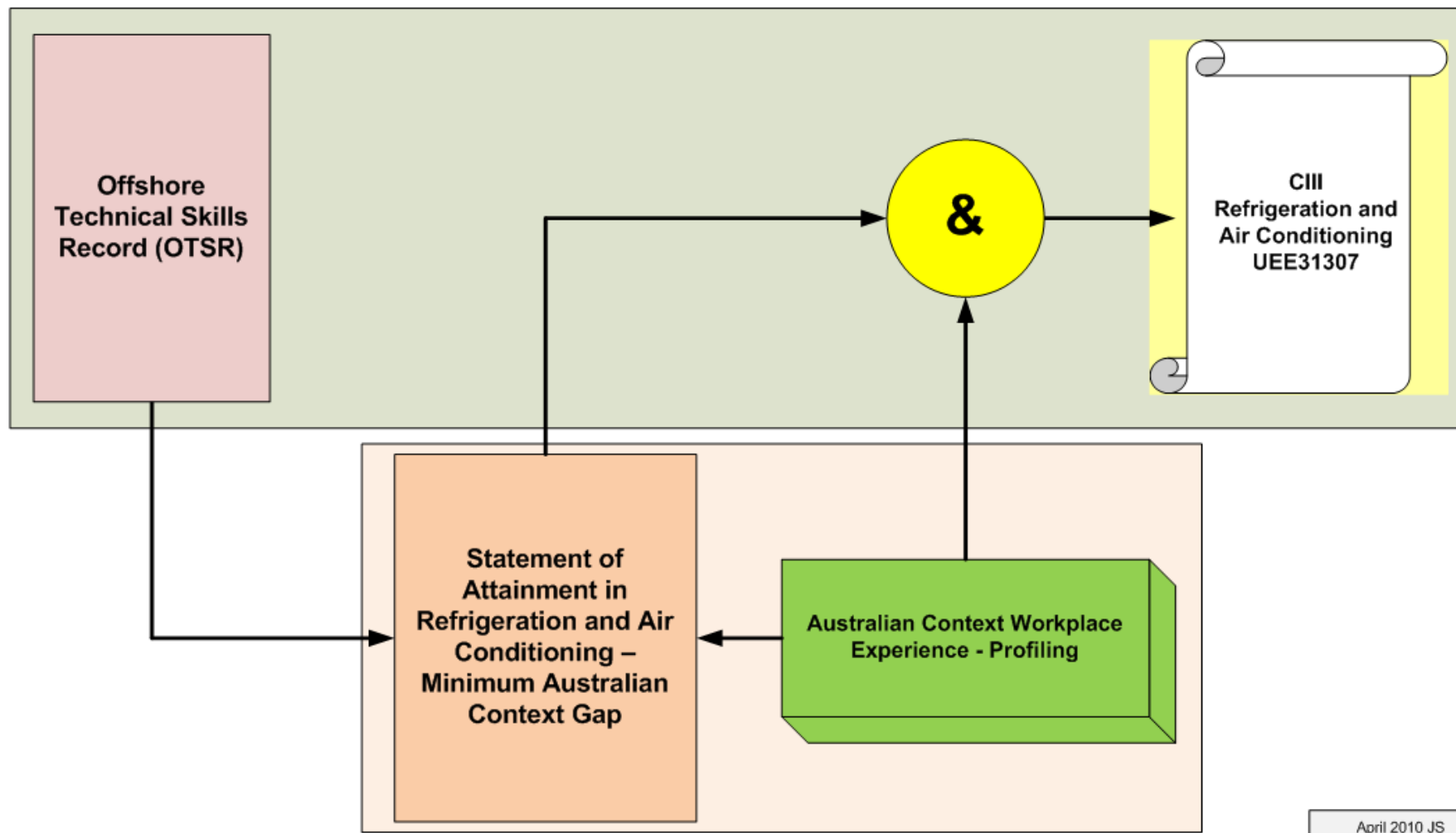
9. Refrigeration and Air Conditioning Trade Skills Recognition

- Flowchart – details of offshore and onshore processes
- Flowchart – Accredited Gap Training Course units
- Flowchart – Mapping of accredited gap training course to Training Package units



UEE31307 – CIII Refrigeration and Air Conditioning

Process for Offshore Assessment/Australian Context Training Gap





UEE31307 – CIII Refrigeration and Air Conditioning

Process for Offshore Assessment/Australian Context Training Gap

Offshore Assessment Process

(Currently undertaken by contracted Australian RTO)



1. Self assessment by candidate

(information and self assessment tool provided to candidate – free of charge)



2. Competency Profile (paper based)

(candidate evidence assessed to determine if sufficient to proceed to next step)



3. Practical Skills Assessment

(Technical interview, skills assessment, challenge tests and simulated activities)



Issue of a Offshore Technical Skills Record (OTSR)

Statement of Attainment in Refrigeration and Air Conditioning – Minimum Australian Context Gap

Core CSUs

EEOZAMCG01A
Apply Australian OHS practices in the workplace - AMCG

EEOZAMCG03A Document occupational hazards and risks in Refrigeration and air-conditioning - AMCG

EEOZAMCG14A Apply Australian Standards to RAC low voltage circuits - AMCG

EEOZAMCG18A Diagnose and rectify faults in refrigeration and air conditioning systems and components - AMCG

EEOZAMCG15A Disconnect and reconnect fixed wired electrical equipment connected to low voltage supply - AMCG

EEOZAMCG16A Recover, pressure and leak test, evacuate and charge refrigerants - AMCG

EEOZAMCG17A Install pipe work for refrigeration and air conditioning systems - AMCG

EEOZAMCG19A Verify compliance and functionality of refrigeration and air conditioning installations - AMCG

Elective CSUs – 1 to be completed

EEOZAMCG20A Solve problems in beverage dispensers - AMCG

EEOZAMCG21A Solve problems in central plant air conditioning systems - AMCG

EEOZAMCG22A Solve problems in ice making systems - AMCG

EEOZAMCG23A Solve problems in industrial refrigeration systems - AMCG

All Core CSUs
+
1 Elective CSU

EEOZAMCG19A Verify compliance and functionality of refrigeration and air conditioning installations - AMCG

Statement of Attainment in Refrigeration and Air Conditioning – Minimum Australian Context Gap



Certificate III Refrigeration and Air Conditioning Minimum Australian Context Gap Training - Mapping

On-the-Job Competency Development - Profiling

Workplace Evidence Gathering, Monitoring, Recording & Reporting

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Workplace Evidence Gathering, Monitoring, Recording & Reporting

UEENEEE007B
UEENEEE005B
UEENEEE003B
UEENEEE002B
UEENEEE001B

UEENEEE036B
UEENEEJ004B
UEENEEJ003B

UEENEEP007B
UEENEEP003B
UEENEEP002B
UEENEEP001B
UEENEEJ053B
UEENEEJ003B

UEENEEJ010B
UEENEEJ008B
UEENEEJ007B
UEENEEJ006B
UEENEEJ002B

UEENEEC025B
Electives
UEENEEJ070B
UEENEEJ013B
UEENEEJ011B
Stream Core CSUs

UEENEEJ009B

CIII Refrigeration and Air Conditioning UEE31307

EEOZAMCG01A
Apply Australian OHS practices in the workplace - AMCG

EEOZAMCG03A
Document occupational hazards and risks in Refrigeration and air-conditioning - AMCG

EEOZAMCG15A
Disconnect and reconnect fixed wired electrical equipment connected to low voltage supply - AMCG
EEOZAMCG14A
Apply Australian Standards to RAC low voltage circuits - AMCG

EEOZAMCG17A
Install pipe work for refrigeration and air conditioning systems - AMCG
EEOZAMCG16A
Recover, pressure and leak test, evacuate and charge refrigerants - AMCG

EEOZAMCG18A
Diagnose and rectify faults in refrigeration and air conditioning syst. & components - AMCG
Complete one (1) Elective:
• EEOZAMCG20A
• EEOZAMCG21A
• EEOZAMCG22A
• EEOZAMCG23A

EEOZAMCG19A
Verify compliance and functionality of refrigeration and air conditioning installations - AMCG

OTSR Issue Provisional Licensed Issued, Enrol in S of A Course

Statement of Attainment in Refrigeration and Air Conditioning – Minimum Australian Context Gap



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Thank You
QUESTIONS?