



TradeSET Report

Name:	Min Aung
TradeSET Number:	TS254313
My Trade:	Boilermaker
Specialisation:	Boilermaker

About TradeSET

TradeSET is a free service provided by Trades Recognition Australia (TRA) to help you understand how trade occupations operate in Australia and is part of the process for applicants applying for the:

1. 457 Skills Assessment Program (eligible applicants seeking skills assessments for temporary migration or to facilitate access to occupational licensing)
2. Offshore Skills Assessment Program (eligible applicants seeking skills assessments for permanent migration)
3. The Trades Recognition Service (eligible applicants seeking skills assessments for employment purposes or to facilitate access to occupational licensing); or
4. TradeSET may also be used as a guide for [Job Ready Program](#) participants

Your TradeSET report will also show any additional training you may require to work in Australia.

Skills assessments for the 457 Skills Assessment Program, the Offshore Skills Assessment Program and the Trades Recognition Service (TRS) are conducted by registered training organisations (RTOs) approved by TRA. Please read the relevant [457 Skills Assessment Program Applicant Guidelines](#), [Offshore Skills Assessment Program Applicant Guidelines](#) or [Trades Recognition Service Guidelines](#) for information, including eligibility requirements and how to locate a TRA-approved RTO.

Your TradeSET report must be given to the TRA-approved RTO conducting your skills assessment.

Important Notes:

The TradeSET report is not a formal skills assessment or a qualification. Persons applying for skilled migration are required to meet all requirements of the Department of Immigration and Border Protection (DIBP). This includes English language requirements and any other requirements as directed by DIBP. Further information about migration requirements can be found at <http://www.border.gov.au/>.



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My Trade:	Boilermaker
Specialisation:	Boilermaker

Details	
Gender:	Male
Date of Birth:	11/02/1990
City:	Yangon
Passport Number:	66789
Country where I live:	Burma (Myanmar)
Country of passport issue:	Burma (Myanmar)
Country of Training:	Burma (Myanmar)
Skills Assessment Program:	457 or Offshore Skills Assessment Program
Finalisation Date:	25/09/2015



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Skills Report

Mandatory Skills	Skilled
Perform engineering measurements.	Yes
Work out requirements by doing calculations and make charts and graphs from the given information.	Yes
Apply knowledge of how to control risks to health and safety in the workplace.	Yes
Plan to do a routine task such as assess job requirements, time frames and outcomes.	Yes
Plan an activity through to completion.	Yes
Check end products conform to plans and standards.	Yes
Apply knowledge of how to make quality products that meet customer needs.	Yes
Organise and share information in the workplace with others.	Yes
Work with others in the workplace.	Yes
Use computers to access, input and store information needed in the workplace.	Yes
Help train less experienced workers on the job.	Yes
Work in an environmentally sustainable way.	Yes

Elective Skills	Skilled
Put together fabricated parts and units.	Yes
Carry out mechanical cutting.	Yes
Perform manual heating and thermal cutting.	Yes
Perform advanced manual thermal cutting, gouging and shaping.	Yes
Apply fabrication, forming and shaping skills and methods.	Yes
Perform advanced welding using gas metal arc welding process.	Yes
Weld using gas metal arc welding process.	Yes
Weld using manual metal arc welding process.	Yes
Perform advanced welding using manual metal arc welding process.	Yes
Weld using gas tungsten arc welding process.	Yes
Perform advanced welding using gas tungsten arc welding process.	Yes
Do repairs on fabrication parts by finding any faults and fixing or replacing them.	Yes
Mark out and develop fabrications using geometric methods.	Yes
Mark out and develop advanced fabrications using geometric methods.	Yes

Elective Skills	Skilled
Perform routine gas tungsten arc welding.	Yes
Perform routine gas metal arc welding.	Yes
Select and use the correct welding method.	Yes
Use safe welding practices and be able to identify hazards and risks.	Yes
Interpret technical drawing.	Yes
Set up pipework and pipework assemblies.	Yes
Demonstrate correct lifting techniques such as bending at the knees.	Yes
Use engineering measuring devices.	Yes
Mark off/out structural fabrications and shapes.	Yes
Use hand tools.	Yes
Use power tools such as drills, grinders, jigsaws and clamping gear to complete work tasks.	Yes
Use mathematical ideas needed for working in the metal industry.	Yes



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Skills Assessment Plan

Australian Qualification

Code:	MEM30305
Name:	Engineering - Fabrication Trade

My Skills and Evidence

Mandatory Skills	Tasks
<p>Work: Perform engineering measurements.</p> <p>Unit of Competency Code: MEM12023A</p> <p>Unit Title: Perform engineering measurements</p>	<ul style="list-style-type: none"> - Select appropriate device or equipment - Obtain measurements using a range of measuring devices - Maintain measuring devices - Communicate measurements as required
<p>Work: Work out requirements by doing calculations and make charts and graphs from the given information.</p> <p>Unit of Competency Code: MEM12024A</p> <p>Unit Title: Perform computations</p>	<ul style="list-style-type: none"> - Determine work requirement - Perform calculations - Produce charts and graphs from given information
<p>Work: Apply knowledge of how to control risks to health and safety in the workplace.</p> <p>Unit of Competency Code: MEM13014A</p> <p>Unit Title: Apply principles of occupational health and safety in the work environment</p>	<ul style="list-style-type: none"> - Follow safe work practices - Report workplace hazards and accidents - Follow emergency procedures
<p>Work: Plan to do a routine task such as assess job requirements, time frames and outcomes.</p> <p>Unit of Competency Code: MEM14004A</p> <p>Unit Title: Plan to undertake a routine task</p>	<ul style="list-style-type: none"> - Identify task requirements - Plan steps required to complete task - Review plan
<p>Work: Plan an activity through to completion.</p> <p>Unit of Competency Code: MEM14005A</p> <p>Unit Title: Plan a complete activity</p>	<ul style="list-style-type: none"> - Identify activity requirements - Plan process to complete activity - Modify plan

Mandatory Skills	Tasks
<p>Work: Check end products conform to plans and standards.</p> <p>Unit of Competency Code: MEM15002A</p> <p>Unit Title: Apply quality systems</p>	<ul style="list-style-type: none"> - Work within a quality system - Engage in quality improvement
<p>Work: Apply knowledge of how to make quality products that meet customer needs.</p> <p>Unit of Competency Code: MEM15024A</p> <p>Unit Title: Apply quality procedures</p>	<ul style="list-style-type: none"> - Take responsibility for own quality - Apply standard procedures of workplace quality to own job
<p>Work: Organise and share information in the workplace with others.</p> <p>Unit of Competency Code: MEM16006A</p> <p>Unit Title: Organise and communicate information</p>	<ul style="list-style-type: none"> - Access information and/or records - Organise and analyse information - Communicate organised information using established workplace methods
<p>Work: Work with others in the workplace.</p> <p>Unit of Competency Code: MEM16007A</p> <p>Unit Title: Work with others in a manufacturing, engineering or related environment</p>	<ul style="list-style-type: none"> - Identify roles and responsibilities - Plan activities - Work with others
<p>Work: Use computers to access, input and store information needed in the workplace.</p> <p>Unit of Competency Code: MEM16008A</p> <p>Unit Title: Interact with computing technology</p>	<ul style="list-style-type: none"> - Determine job requirements - Access information/data - Input information/data - Store information/data - Access assistance as required
<p>Work: Help train less experienced workers on the job.</p> <p>Unit of Competency Code: MEM17003A</p> <p>Unit Title: Assist in the provision of on the job training</p>	<ul style="list-style-type: none"> - Determine role of on the job training - Provide on the job training - Report on trainee performance
<p>Work: Work in an environmentally sustainable way.</p> <p>Unit of Competency Code: MSAENV272B</p> <p>Unit Title: Participate in environmentally sustainable work practices</p>	<ul style="list-style-type: none"> - Comply with environmental regulations. - Seek opportunities to improve resource efficiency. - Identify current resource use.

Evidence I can provide

- Qualification / Certificate

Elective Trade Skills	Tasks
<p>Work: Put together fabricated parts and units. Unit of Competency Code: MEM05011D Unit Title: Assemble fabricated components</p>	<ul style="list-style-type: none"> - Identify assembly method and construct jigs if required - Ensure all components for assembly are available - Select tools and fixtures for fabrication assembly - Assemble fabricated components
<p>Work: Carry out mechanical cutting. Unit of Competency Code: MEM05005B Unit Title: Carry out mechanical cutting</p>	<ul style="list-style-type: none"> - Determine job requirements - Select/set up machine tooling - Operate mechanical cutting machine - Check material for conformance to specification
<p>Work: Perform manual heating and thermal cutting. Unit of Competency Code: MEM05007C Unit Title: Perform manual heating and thermal cutting</p>	<ul style="list-style-type: none"> - Assemble/disassemble plant and equipment - Operate heating and thermal cutting equipment
<p>Work: Perform advanced manual thermal cutting, gouging and shaping. Unit of Competency Code: MEM05008C Unit Title: Perform advanced manual thermal cutting, gouging and shaping</p>	<ul style="list-style-type: none"> - Assemble/disassemble plant, equipment for manual thermal cutting, gouging and shaping - Select equipment settings and consumables - Operate hand held thermal cutting and shaping equipment
<p>Work: Apply fabrication, forming and shaping skills and methods. Unit of Competency Code: MEM05010C Unit Title: Apply fabrication, forming and shaping techniques</p>	<ul style="list-style-type: none"> - Select and set up forming/shaping equipment for a specific operation - Operate forming/shaping equipment - Form and shape material
<p>Work: Perform advanced welding using gas metal arc welding process. Unit of Competency Code: MEM05018C Unit Title: Perform advanced welding using gas metal arc welding process</p>	<ul style="list-style-type: none"> - Prepare welding materials and equipment - Weld joints to code requirements using advanced GMAW - Assess weld quality and rectify faults

Elective Trade Skills	Tasks
<p>Work: Weld using gas metal arc welding process. Unit of Competency Code: MEM05017D Unit Title: Weld using gas metal arc welding process</p>	<ul style="list-style-type: none"> - Prepare materials for gas metal arc welding (GMAW) - Select welding components - Assemble and set up welding equipment - Minimise and rectify distortion - Weld to job specification using GMAW - Ensure weld conformance - Maintain weld records as required
<p>Work: Weld using manual metal arc welding process. Unit of Competency Code: MEM05015D Unit Title: Weld using manual metal arc welding process</p>	<ul style="list-style-type: none"> - Prepare materials for manual metal arc welding (MMAW) - Select welding equipment - Assemble and set up welding equipment - Minimise and rectify distortion - Weld to job specification using MMAW - Ensure weld conformance - Where required, maintain weld records
<p>Work: Perform advanced welding using manual metal arc welding process. Unit of Competency Code: MEM05016C Unit Title: Perform advanced welding using manual metal arc welding process</p>	<ul style="list-style-type: none"> - Prepare welding materials and equipment - Weld joints to code requirements using MMAW - Assess weld quality and rectify faults
<p>Work: Weld using gas tungsten arc welding process. Unit of Competency Code: MEM05019D Unit Title: Weld using gas tungsten arc welding process</p>	<ul style="list-style-type: none"> - Prepare materials for gas tungsten arc welding (GTAW) - Select welding machine components - Assemble and set up welding equipment - Minimise and rectify distortion - Weld to job specification using GTAW - Ensure weld conformance - Maintain weld records as required
<p>Work: Perform advanced welding using gas tungsten arc welding process. Unit of Competency Code: MEM05020C Unit Title: Perform advanced welding using gas tungsten arc welding process</p>	<ul style="list-style-type: none"> - Prepare welding materials and equipment - Weld joints to code requirements using advanced GTAW - Assess weld quality and rectify faults

Elective Trade Skills	Tasks
<p>Work: Do repairs on fabrication parts by finding any faults and fixing or replacing them. Unit of Competency Code: MEM05036C Unit Title: Repair/replace/modify fabrications</p>	<ul style="list-style-type: none"> - Assess and process repair, replacement, modification requirement - Assess and process material requirements - Prepare materials - Repair, replace or modify fabrication - Finish and inspect repair, replacements and/or modification
<p>Work: Mark out and develop fabrications using geometric methods. Unit of Competency Code: MEM05037C Unit Title: Perform geometric development</p>	<ul style="list-style-type: none"> - Transfer dimensions from a detail drawing to work - Make templates as required - Develop patterns as required - Interpret relevant codes, standards and symbols - Estimate quantities of materials from detail drawings
<p>Work: Mark out and develop advanced fabrications using geometric methods. Unit of Competency Code: MEM05038B Unit Title: Perform advanced geometric development - cylindrical/rectangular</p>	<ul style="list-style-type: none"> - Mark off/out fabrications - Make templates as required - Develop patterns as required - Interpret relevant codes, standards and symbols - Estimate quantities of materials from engineering drawings
<p>Work: Perform routine gas tungsten arc welding. Unit of Competency Code: MEM05049B Unit Title: Perform routine gas tungsten arc welding</p>	<ul style="list-style-type: none"> - Identify weld requirements - Prepare materials for welding - Prepare equipment for welding - Perform routine welding using GTAW
<p>Work: Perform routine gas metal arc welding. Unit of Competency Code: MEM05050B Unit Title: Perform routine gas metal arc welding</p>	<ul style="list-style-type: none"> - Identify weld requirements - Prepare materials for welding - Prepare equipment for welding - Perform routine welding using GMAW
<p>Work: Select and use the correct welding method. Unit of Competency Code: MEM05051A Unit Title: Select welding processes</p>	<ul style="list-style-type: none"> - Identify properties of commonly used metals - Identify and provide for welding contingencies - Identify appropriate welding processes - Identify cleaning and preparation requirements

Elective Trade Skills	Tasks
<p>Work: Use safe welding practices and be able to identify hazards and risks. Unit of Competency Code: MEM05052A Unit Title: Apply safe welding practices</p>	<ul style="list-style-type: none"> - Access and interpret OH&S information - Identify risks associated with welding - Reduce risks associated with welding
<p>Work: Interpret technical drawing. Unit of Competency Code: MEM09002B Unit Title: Interpret technical drawing</p>	<ul style="list-style-type: none"> - Select correct technical drawing - Interpret technical drawing
<p>Work: Set up pipework and pipework assemblies. Unit of Competency Code: MEM10010B Unit Title: Install pipework and pipework assemblies</p>	<ul style="list-style-type: none"> - Plan the installation of pipework and pipework assemblies - Prepare pipework and pipework assemblies for assembly - Install pipework and assemblies
<p>Work: Demonstrate correct lifting techniques such as bending at the knees. Unit of Competency Code: MEM11011B Unit Title: Undertake manual handling</p>	<ul style="list-style-type: none"> - Lift materials manually - Move/shift materials manually
<p>Work: Use engineering measuring devices. Unit of Competency Code: MEM12001B Unit Title: Use comparison and basic measuring devices</p>	<ul style="list-style-type: none"> - Use comparison and/or basic measuring devices - Maintain comparison and/or basic measuring devices
<p>Work: Mark off/out structural fabrications and shapes. Unit of Competency Code: MEM12007D Unit Title: Mark off/out structural fabrications and shapes</p>	<ul style="list-style-type: none"> - Transfer dimensions from a detail drawing to work or surface - Make templates/patterns as required - Develop patterns and/or transfer measurements to structures - Interpret relevant codes, standards and symbols - Estimate quantities of materials from detail drawings
<p>Work: Use hand tools. Unit of Competency Code: MEM18001C Unit Title: Use hand tools</p>	<ul style="list-style-type: none"> - Use hand tools
<p>Work: Use power tools such as drills, grinders, jigsaws and clamping gear to complete work tasks. Unit of Competency Code: MEM18002B Unit Title: Use power tools/hand held operations</p>	<ul style="list-style-type: none"> - Use power tools

Elective Trade Skills	Tasks
<p>Work: Use mathematical ideas needed for working in the metal industry.</p> <p>Unit of Competency Code: MEM30012A</p> <p>Unit Title: Apply mathematical techniques in a manufacturing, engineering or related environment</p>	<ul style="list-style-type: none"> - Use concepts of arithmetic in the solution of engineering problems - Solve engineering problems involving algebraic expressions with one independent variable - Use two-dimensional geometry to solve practical problems - Use trigonometry to solve practical problems - Graph linear functions - Solve quadratic equations - Perform basic statistical calculations

Evidence I can provide

- Qualification / Certificate

Skills and Evidence I may need