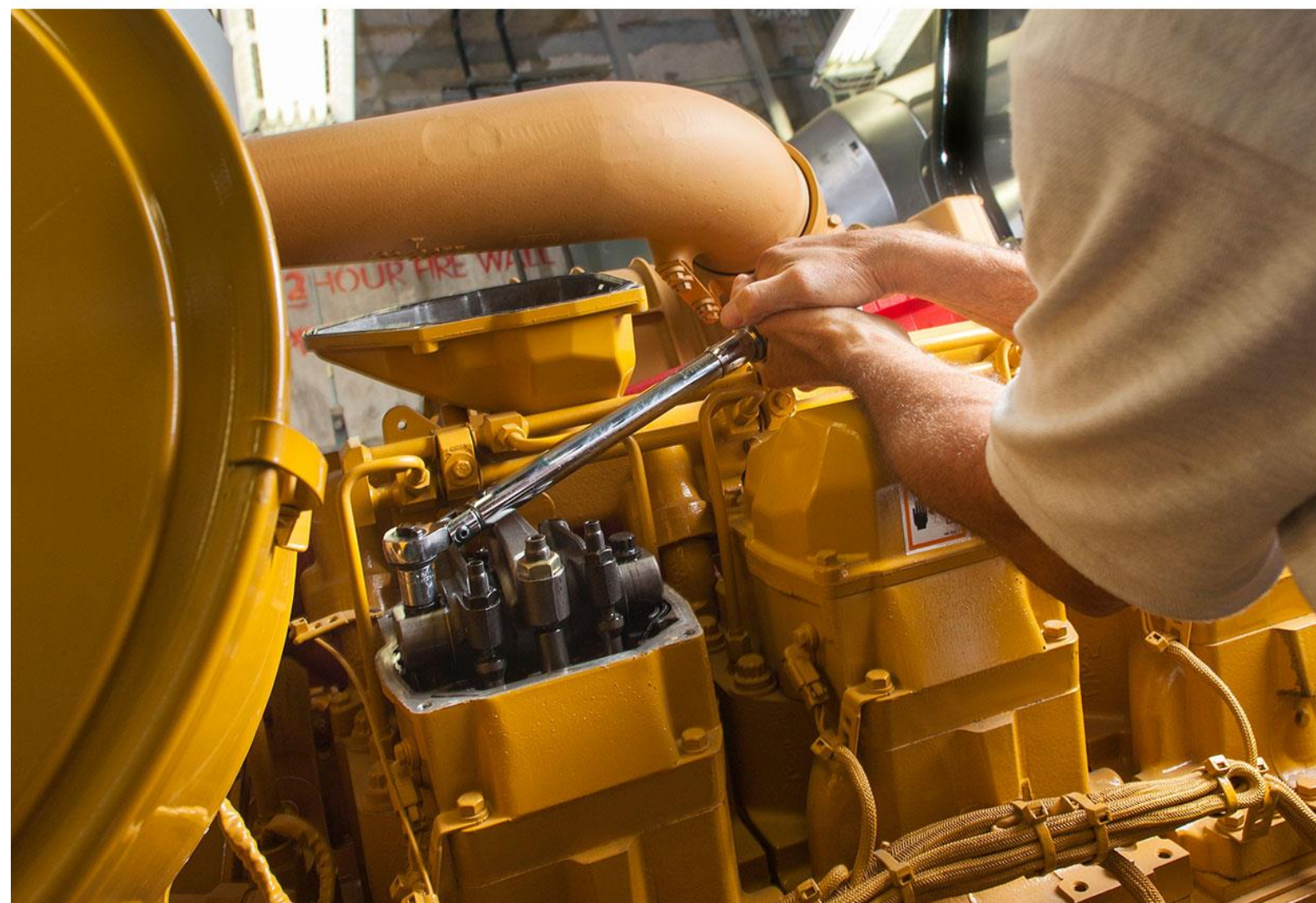


Diesel Fitter

(ANZSCO: 321211)



Fact Sheet

Job description

A **Diesel Fitter** (also known as a **Diesel** Mechanic or a **Diesel** Technician) is generally required to inspect, repair and maintain heavy vehicles such as trucks, buses and any other machine that has a **diesel** engine.

Their job involves:

- identifying worn/faulty mechanical components and equipment
- repairing worn/faulty mechanical components and equipment
- replacing worn/faulty mechanical components and equipment
- conducting modifications.

Fitters may also:

- perform machining operations
- maintain hydraulic and pneumatic systems, and their components
- perform welding operations.

The qualification relevant to this job is [MEM30205 Certificate III in Engineering - Mechanical Trade](#).

How will I be assessed?

Assessment is conducted in two stages:

Documentary Evidence Assessment:

We will review your training and employment evidence to ensure you have:

- with no formal training – five years work experience.
- with formal training – three years work experience
- the range of skills and knowledge required by a Diesel Fitter.

Your experience may include time spent in workplace-based training, up to a maximum of 12 months.

Your evidence must show you have worked in your occupation for at least 12 months within the last 3 years.

[For more information on the documents required for Documentary Evidence Assessment Stage, see the Evidence Guide on our website.](#)

Technical Interview:

If you are successful in Documentary Evidence Assessment, an assessor will assess you via a technical interview.

The technical interview will be conducted in English and no interpreters are allowed.

[For more information on Technical Interview, see the Technical Interview Guide on our website.](#)

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What skills and knowledge do I need?

To be awarded the qualification [MEM30205 Certificate III in Engineering - Mechanical Trade](#), you must demonstrate your skill and knowledge in a number of units of competency. Each unit of competency defines a selection of knowledge and skill required in Australian workplaces.

You must demonstrate competency in **all core** units, and demonstrate competency in additional units to a total of **at least 73 points** (the number of points relating to each unit is show). If the unit selected has a prerequisite, then those units that form the prerequisite must be selected as well

	Code	Title	Core/ Elective	Weighting Points	Pre-requisites
1	MEM12023A	Perform engineering measurements	Core		
2	MEM12024A	Perform computations	Core		
3	MEM13014A	Apply principles of occupational health and safety in the work environment	Core		
4	MEM14004A	Plan to undertake a routine task	Core		
5	MEM14005A	Plan a complete activity	Core		
6	MEM15002A	Apply quality systems	Core		
7	MEM15024A	Apply quality procedures	Core		
8	MEM16006A	Organise and communicate information	Core		
9	MEM16007A	Work with others in a manufacturing, engineering or related environment	Core		
10	MEM16008A	Interact with computing technology	Core		
11	MEM17003A	Assist in the provision of on the job training	Core		
12	MSAENV272B	Participate in environmentally sustainable work practices	Core		
13	MEM09002B	Interpret technical drawing	E/A	4	Nil
14	MEM18001C	Use hand tools	E/A	2	Nil
15	MEM18002B	Use power tools/hand held operations	E/A	2	Nil
16	MEM18003C	Use tools for precision work	E/A	4	MEM12023A MEM18001C MEM18002B
17	MEM18004B	Maintain and overhaul mechanical equipment	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18005B MEM18006C MEM18007B MEM08009B MEM18055B

18	MEM18005B	Perform fault diagnosis, installation and removal of bearings	E/A	4	MEM09002B MEM18001C MEM18002B MEM18003C MEM18006C MEM18055B MEM12023A
19	MEM18006C	Repair and fit engineering components	E/A	6	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18055B
20	MEM18009B	Perform levelling and alignment of machines and engineering components	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18055B
21	MEM18011C	Shut down and isolate machines/equipment	E/A	2	Nil
22	MEM18012B	Perform installation and removal of mechanical seals	E/A	2	MEM09002B MEM12023A MEM18001C MEM18003C MEM18006C MEM18055B
23	MEM18018C	Maintain pneumatic system components	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18055B
24	MEM18020B	Maintain hydraulic system components	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18055B
25	MEM18024B	Maintain engine cooling systems	E/A	2	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
26	MEM18025B	Service combustion engines	E/A	2	MEM18001C
27	MEM18026C	Test compression ignition fuel systems	E/A	4	MEM12023A MEM18001C
28	MEM18028B	Maintain engine lubrication systems	E/A	2	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B

29	MEM18030B	Diagnose and rectify low voltage electrical systems	E/A	8	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
30	MEM18032B	Maintain induction/exhaust systems	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
31	MEM18033B	Perform engine bottom-end overhaul	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
32	MEM18034B	Perform engine top-end overhaul	E/A	8	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18055B
33	MEM18035B	Diagnose and rectify braking systems	E/A	6	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
34	MEM18040B	Maintain suspension systems	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
35	MEM18041B	Maintain steering systems	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
36	MEM18042C	Diagnose and rectify manual transmissions	E/A	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18055B
37	MEM18055B	Dismantle, replace and assemble engineering components	E/A	3	MEM09002B MEM12023A MEM18001C MEM18002B
38	MEM05005B	Carry out mechanical cutting	E/B	2	MEM12023A MEM18001C
39	MEM05007C	Perform manual heating and thermal cutting	E/B	2	Nil
40	MEM05012C	Perform routine manual metal arc welding	E/B	2	Nil
41	MEM05050B	Perform routine gas metal arc welding	E/B	2	Nil

42	MEM07005C	Perform general machining	E/B	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18009B MEM18055B
43	MEM10002B	Terminate and connect electrical wiring	E/B	3	MEM09002B MEM12002B MEM18001C
44	MEM11010B	Operate mobile load shifting equipment	E/B	4	Nil
45	MEM11011B	Undertake manual handling	E/B	2	Nil
46	MEM12001B	Use comparison and basic measuring devices	E/B	2	Nil
47	MEM12002B	Perform electrical / electronic measurement	E/B	2	Nil
48	MEM18007B	Maintain and repair mechanical drives and mechanical transmission assemblies	E/B	4	MEM09002B MEM12023A MEM18001C MEM18002B MEM18003C MEM18006C MEM18009B MEM18055B
TOTAL Weighting Points – Group A & Group B				73	

What can I expect to be asked at the Technical Interview?

- Write answers to Workplace Health and Safety (WHS) questions, environment questions, correct manual handling techniques and complete a Job Safety Analysis (JSA).
- Complete a number of drawings and marking out exercises, computing engineering measurements
- Select appropriate tools and equipment such as milling cutters, grinding tools, marking out equipment etc.
- Disassemble and reassemble parts, for example a drive shaft
- Machine various parts using a lathe and a milling machine

What programs does this assessment fall under?

This assessment comes under the following programs and regions:

TRS (All states of Australia)

What will I receive after the assessment?

If you **successfully** complete the Technical Interview you will receive the following:

- an Australian Certificate III qualification and a Statement of Results
- a migration outcome letter if the assessment is to support your visa application.

If you are **unsuccessful** in Technical Interview you will receive:

- a Statement of Attainment that lists the units of competency you successfully achieved
- a Statement of Results that lists units of competency you have successfully achieved and those that were not achieved.

Where can I find more information?

Please refer to our website: <https://www.attc.org.au/trades-recognition/> 

Any queries may be directed to:

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Scarborough Qld 4020

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48 Haven Green

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