

40076**Apply parts interpretation skills in an automotive parts and accessories environment**

Kaupae Level	4
Whiwhinga Credit	15
Whāinga Purpose	<p>This skill standard is intended for people who are already working in the automotive parts and accessories industry. They will be able to solve complex problems relating to parts interpretation and sourcing replacement automotive products for the automotive industry.</p> <p>This skill standard aligns with the New Zealand Automotive qualifications Level 4 and above.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Determine replacement parts for obsolete or difficult to source automotive products.	a. Break assembly or component down into parts to determine the alternative part(s) required.
	b. Determine compatibility between different types of automotive products, including superseded automotive products.
	c. Explain reasons for supersession of automotive products.
	d. Identify and assess automotive products to meet customer requirements considering factors such as compatibility, risk analysis, cost and time benefits.
	e. Consult with colleagues and suppliers to obtain information and/or potential solution regarding replacement automotive products.
2. Explain the differences between original equipment manufacturer (OEM) and aftermarket replacement automotive products.	a. Describe the advantages and disadvantages of using OEM or aftermarket replacement automotive products including warranty implications.
	b. Identify risks and implications to business and customer when sourcing replacement automotive products.

3. Present options for replacement automotive product(s) to customer for approval and process order.	a. Provide a written estimate including options for replacement automotive product(s) to customer.
	b. Gain approval from customer for selected replacement automotive product(s).
	c. Complete order, invoicing, and payment for selected replacement automotive product.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Evidence presented against this skill standard must include a minimum of three different problems and their solutions relating to sourcing obsolete or difficult to source automotive products, with the exception of assessment criteria 1c, 3a and 3b, which can be demonstrated once.

Evidence submitted for each problem must demonstrate a different problem-solving process and solution. The same or similar problem which recurs on a different type of machine or with a different customer will not be considered to meet the criteria of three different problems.

Evidence for assessment criterion 1a may be demonstrated through diagrams, drawings or explanation. It does not require automotive products to be physically taken apart.

Evidence presented for assessment against this skill standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Definitions:

Automotive products refer to automotive assemblies, components and/or parts.

Customer refers to internal or external retail customer, service department, wholesaler or reseller.

Parts interpretation refers to the identification of vehicle and/or machinery systems, parts and components, interpretation of technical specifications, and problem solving to offer options for replacement parts or components for vehicle repair and maintenance.

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer’s requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the automotive parts and accessories industry.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content**Parts interpretation**

- Advanced technical knowledge of automotive products.
- Evaluation and prioritisation of customer needs.
- Risk analysis including factors such as product quality, cost effectiveness, supply and customer delivery times, warranty implications, regulatory and safety requirements and business reputation.
- Problem solving skills.
- Communication and collaboration skills.

Rauemi | Resources

Legislation relevant to this skill standard includes but is not limited to:

- Consumer Guarantees Act 1993
- Fair Trading Act 1986
- Health and Safety at Work Act 2015
- Health and Safety at Work (Hazardous Substances) Regulations 2017
- Land Transport Rules, available online at <https://www.nzta.govt.nz/>.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard. Legislation can be accessed at: <https://www.legislation.govt.nz>.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Engineering and Technology > Motor Industry > Automotive Administration
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0014

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	25 July 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2029		

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council at qualifications@hangaarorau.nz to suggest changes to the content of this skill standard.