

Title	Fill and sand a repair in the motor body industry		
Level	2	Credits	2

Purpose	This unit standard is for people who are at pre-employment level or who have recently started work in the motor body industry. People credited with this unit standard are able to: demonstrate knowledge of motor body fillers; fill a motor body panel repair using polyester filler; and sand the filler.
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Classification	Motor Industry > Vehicle Bodywork
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Available grade	Achieved
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Guidance Information

- The following legislation (and subsequent amendments) is applicable to this unit standard and must be followed where applicable:
Health and Safety in Employment Act 1992;
The Lead Process Regulations 1950.
- Company policy includes workplace standards, practices, and procedures, which must comply with current legislation requirements. It is assumed the policy also meets product manufacturers' specifications, recommendations, and standards.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of motor body fillers.

Performance criteria

- 1.1 Purpose of fillers is identified according to the manufacturers' specifications.
- 1.2 Principles of how plastic fillers dry and the effect of hardeners and temperature on them are identified according to the manufacturer's specifications.

Range volume of hardener used, high and low temperatures.
- 1.3 Purpose and uses of lead in the motor body industry are identified according to company policy.

Outcome 2

Fill a motor body panel repair using polyester filler.

Performance criteria

- 2.1 Tools and equipment appropriate for the job are selected according to the manufacturers' and supervisor's recommendations.
 - 2.2 Lighting and ventilation are provided to carry out the job safely.
 - 2.3 Area to be filled is identified, and the surface is prepared according to the manufacturer's specifications without damage to adjacent panels and fittings.
 - 2.4 Filler is applied according to the manufacturer's specifications.
 - 2.5 Safe working practices are carried out throughout the task.
- Range personal safety, safety to others, vehicle, tools and equipment safety.

Outcome 3

Sand the filler.

Performance criteria

- 3.1 Tools, equipment and abrasives suitable for the job are selected to enable the filler to be sanded according to company policy.
- Range body file, orbital or DA sander, sanding block, abrasives.
- 3.2 Filler is sanded down to a smooth level surface with no deep sanding scratches or irregularities, and without damage to adjacent areas or fittings.
 - 3.3 Safe working practices are carried out throughout the task.
- Range personal safety, safety to others, vehicle, tools and equipment safety.
- 3.4 Tools and equipment are clean and are put away, and the work area is clean.

Replacement information	This unit standard was replaced by unit standard 21705 and unit standard 21710.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 1995	31 December 2016
Revision	2	30 October 1997	31 December 2016
Revision	3	28 May 1998	31 December 2016
Review	4	10 February 1999	31 December 2016
Revision	5	13 March 2001	31 December 2016
Rollover	6	25 July 2006	31 December 2020
Rollover	7	19 November 2010	31 December 2020
Rollover	8	22 August 2014	31 December 2020
Rollover	9	22 October 2020	31 December 2021

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.