

Title	Demonstrate knowledge of the effect of chemical processes on hair texture		
Level	3	Credits	7

Purpose	<p>This unit standard is for people in the hairdressing industry to extend their knowledge and further develop their skills in straightening and chemical waving.</p> <p>People credited with this unit standard are able to demonstrate knowledge of:</p> <ul style="list-style-type: none"> • the chemical process for straightening and waving hair, and • chemical reformation neutralising processes and their effect on the hair shaft.
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Classification	Beauty Services > Hairdressing
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Available grade	Achieved
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Guidance Information

- 1 Definition
Reformation products for waving include acid, alkaline and exothermic.
- 2 Chemical straightening may include hot or cold chemical straightening. Hot chemical straightening is also known as thermal straightening and for the purpose of this unit standard refers to permanent straightening using thermal irons. Cold chemical straightening is also known as non-thermal straightening.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the chemical process for straightening and waving hair.

Performance criteria

- 1.1 The chemical actions are described in terms of their effects on the hair shaft.
Range one waving and one straightening chemical process.
- 1.2 Reformation products are described in terms of their chemical composition.
Range one waving and one straightening chemical process.

1.3 The effects of chemical reformation on the hair shaft are explained in terms of physical and chemical changes.

Range one waving and one straightening chemical process.

1.4 Potential problems that may result from not following manufacturer’s instructions are described.

Range removal, over-processing, under-processing.

Outcome 2

Demonstrate knowledge of chemical reformation neutralising processes and their effect on the hair shaft.

Range must include – chemical waving and straightening processes.

Performance criteria

2.1 Chemical reformation processes of neutralising are described in terms of its effect on the hair shaft.

Range includes – internal and external effects on the hair and hair shaft.

2.2 Chemical reformation neutraliser is identified in terms of its chemical composition.

2.3 The common steps of the chemical reformation processes are identified and explained.

2.4 Considerations of the chemical reformation process are described in terms of health and safety.

Range includes but is not limited to – client and stylist safety, importance of manufacturer’s instructions, chemical spillage.

Replacement information	This unit standard replaced unit standard 25791.
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Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 June 2023	N/A

Consent and Moderation Requirements (CMR) reference	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Toi Mai Workforce Development Council qualifications@toimai.nz if you wish to suggest changes to the content of this unit standard.