

Title	Develop occupational safety and health recommendations for improving ergonomic conditions		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to identify conflicting criteria; adopt professional practice standards in compiling recommendations; demonstrate optimal ergonomic conditions to the client; conduct tests to advance the ergonomics recommendations; and document and report recommendations.
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Classification	Occupational Health and Safety > Occupational Health and Safety Practice
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Available grade	Achieved
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Guidance Information

- 1 It is recommended that people undertaking this standard have experience in a discipline related to ergonomics, such as, but not limited to: biological science, engineering, architecture, industrial design, or psychology, as evidenced by holding credits in these fields.
- 2 Ergonomic diagnosis of workplaces is a systematic approach to diagnosing workplace situations and creating healthy and safe working conditions through investigating the interrelationship among – biological systems, including physical capabilities and limitations; human psychology, including behaviour, perception, learning, and memory; the physical environment, including physics, engineering, and design technology; social organisation and group dynamics, including motivation, communication, and group functioning. The results of such a diagnosis are applied to actual working conditions.
- 3 This unit standard is to be undertaken in a context that acknowledges cultural differences in the acceptance of health and safety practices, and where culturally sensitive techniques are used to communicate and implement workplace health and safety measures appropriate to all employees.
- 4 Legislative requirements relevant include but are not limited to – Health Information Privacy Code 2020; Privacy Act 2020; Human Rights Act 1993; Health and Safety at Work Act 2015 (HSWA); Accident Compensation Act 2001; Smoke-free Environments Act 1990.

Outcomes and performance criteria

Outcome 1

Identify conflicting criteria.

Range in consultation with the client, about issues specified in the brief which include but are not limited to – deadlines, cost, available resources, permissible downtime.

Performance criteria

1.1 Identification ascertains the implications beyond the immediate project.

Range implications may include but are not limited to – improvements that could be made to shift a bottle-neck from one place to another, possible solutions which may set expenditure precedents, possible solutions which may highlight inadequacies elsewhere.

1.2 Where an ideal solution is not possible, the modification, the implementation in stages, or the institution of a temporary solution, are discussed with the client.

Range constraints on achieving an ideal solution include but are not limited to – insufficient time, money, or resources.

1.3 The agreed conclusions are documented in the recommendations.

Outcome 2

Adopt professional standards in compiling recommendations.

Performance criteria

2.1 Legal, ethical, and professional standards are maintained, without constraint, from the client's brief.

2.2 Recommendations answer the client's specific needs while maintaining the perspective of a full and independent ergonomics system.

Outcome 3

Demonstrate optimal ergonomic conditions to the client.

Performance criteria

3.1 The client is enabled to understand the possible solutions to ergonomic problems.

Range through preparation, as appropriate, of any of the following – mock-ups including software emulation, models, layouts, drawings.

- 3.2 Concerns raised by the client in feedback from demonstrations are documented and responded to.

Outcome 4

Conduct tests to advance the ergonomics recommendations.

Performance criteria

- 4.1 Where appropriate the ergonomic circumstances are tested through user trials.
- 4.2 Recommendations are modified as required from the results of trials.

Outcome 5

Document and report recommendations.

Performance criteria

- 5.1 Discussions with the client determine necessary modifications to the recommendations.
- 5.2 Documented recommendations as reported are accepted by the client.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 October 1998	N/A
Revision	2	9 August 1999	N/A
Revision	3	14 March 2002	N/A
Revision	4	16 May 2005	N/A
Review	5	25 May 2007	N/A
Rollover and Revision	6	22 May 2014	N/A
Rollover and Revision	7	22 August 2019	N/A
Rollover and Revision	8	25 March 2021	N/A

Consent and Moderation Requirements (CMR) reference	0121
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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 The Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.