

Field **Manufacturing**

Registration of *Manufacturing Processes* skill standard

Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council has completed the development of a new skill standard to be listed in the *Manufacturing Processes* domain.

Date new version published

March 2024

Planned review date

December 2028

Summary

Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council consulted with representatives from the industry association MAKE | NZ, industry consultants LMAC, training providers and employers to undertake new skill standard and micro-credential development for digital manufacturing. Online meetings were held with a technical advisory group between May and October 2023. Wider consultation with the manufacturing sector and training providers was also undertaken with two online drop-in sessions held in October 2023.

Following the success of the Digital Skills in Manufacturing micro-credential, the manufacturing sector requested Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council to develop the next step on the digital manufacturing training pathway, which has resulted in the development of a new skill standard. This is intended to be used in a new Digital Systems for Manufacturing micro-credential. It is aimed at providing training to front-line leaders and their teams to provide underpinning knowledge to support the adoption of digital systems in manufacturing. It can also be used in other sectors such as distribution, where manufacturing systems may be used as a component but not the sole focus of the organisations activities.

Main changes

- A new level 3 skill standard was developed in response to industry needs and to assist the manufacturing workforce in developing the required skills for the adoption of Industry 4.0 technologies, including an understanding of digital systems, principles and tools.

Detailed list of skill standards – classification, title, level, and credits

All changes are in **bold**.

Manufacturing > Manufacturing Skills > Manufacturing Processes

ID	Title	Level	Credit	Review Category
40007	Apply knowledge of Industry 4.0 and digital technologies to identify improvements in a manufacturing environment	3	10	NEW