

91381R



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

Level 3 Business Studies 2022

91381 Apply business knowledge to address a complex problem(s) in a given global business context

Credits: Four

RESOURCE BOOKLET

Refer to this booklet to answer the questions for Business Studies 91381.

Check that this booklet has pages 2–4 in the correct order and that none of these pages is blank.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

RESOURCE A: Housing in Samoa

A fale can be a thatched roof with no walls, a tin roof with roll-down blinds, or a fully enclosed building – there are many types of fale in Samoa. Their roles in traditional village life range from meeting house to cooking house to, well, just a house! Hotels and resorts, too, have adopted the fale as an option for their guests to stay in.

In Samoa, many locals still reside in traditional fale, which visitors will see when they enter any small village.



Traditional Samoan fale

Source: <https://www.eco-business.com/news/samoas-architects-look-past-boost-climate-resilience/>

RESOURCE B: Housing in Vanuatu

Two basic differences distinguish house construction in most of the world's modern towns

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a coconut tree.

Source: <https://www.nybg.org/blogs/science-talk/2018/09/traditional-shelters-cyclone-houses-and-the-temptations-of-modern-construction/>

RESOURCE C: Total Quality Management



Source: <https://www.smartsheet.com/total-quality-management>.

RESOURCE D: Quality control defined

Quality control consists of inspection, measurement, and testing to verify that the final
 preventing problems being passed on to the internal or external customer.

Source: <https://www.apm.org.uk/resources/what-is-project-management/what-is-quality-management-and-control/>

RESOURCE E: Supply chain issue

“Everyone is trying to build flat out, but getting hold of stuff is increasingly difficult and

building materials.”

Source (adapted): <https://www.stuff.co.nz/national/126828936/unfinished-homes-as-severe-building-supply-shortages-stall-construction>

RESOURCE F: Moving precast concrete panels

Precast concrete panels

Precast panels are manufactured by casting concrete in a reusable form system which is then

precast panel is 1 to 10 tonnes.

Source (adapted): <https://static1squarespace.com/static/6212bb92e69a8c51cdd67d91/t/622e94237608a939eafca3a0/1647219795295/Lifting+Matters+Q1+2020.pdf>

RESOURCE G: Comparison of cranes

	Crane A	Crane B
Price	\$415,000	\$535,000
Payback period	3 years	4.5 years
Maximum load capacity	8 tonnes	15 tonnes
Maximum hook height	20 metres	24 metres
Estimated life expectancy	15 years	15 years