

## Engineering Professional Practice: Example Section from a Professional Practice Report

This document contains an example section from a professional practice report from a hypothetical placement at UFP Corporation.

- Note that the student has explained what they did, and each row in the report is linked to a particular competency.
- You should include some of your thoughts on your experiences and the skills you are developing through using the STARL or DEEP frameworks.
- You must include a conclusion and the word count at the end.
- To make it easy to read, it is good to use a standard font (e.g. Arial, Calibri, Helvetica) at size 12

### Professional Practice Report #1 (sample)

Organisation	<i>UFP Corporation</i>
Location	<i>123 Federation Drive, Arundel, QLD</i>
Supervisor	<i>Mr. Montgomery Scott, Chief Engineer</i>
Dates	<i>July 4, 2019 – October 4, 2019</i>
Title/Role	<i>Undergraduate Electrical Engineer</i>
Category	<i>A</i>

Description	Competency Claimed
During my IAP placement in 6002ENG, I worked at UFP Corporation as an undergraduate electrical engineer in their automated systems department. One of UFP's key products is the 3000X Transporter Energiser, and it is used to supply the power required when beaming someone up and down from a planet. I was allocated to a project to develop a way to automate the testing processes used to verify the efficiency and output of the dilithium crystal assemblies in the 3000X.	Introduction
During the first stages of the project, I used the XYZ database to search and review the literature on automated testing systems to understand current practices and issues, and I also checked the Australian Standards relevant to dilithium crystals and their use. In addition, I learnt how to use UFP's internal systems to review the documentation on the 3000X product and the relevant specifications and testing requirements. Through my initial research, I learned a lot about the Australian Standards for this type of system, and it will be helpful for future work in the industry.	3.4 Professional use and management of information
After I understood more about the product, I realised that testing the 3000X assemblies could be dangerous due to the radioactive materials in the product. I checked with my supervisor, Mr. Scott, regarding the health and safety documentation, and risk management processes at UFP Corporation for working with radioactive and dangerous materials. I also checked the Australian Government guidelines, and completed a risk assessment for	1.6 Understanding of the scope, principles, norms, accountabilities

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working on the 3000X product. Through this process, I extended my knowledge of radiation safety protocols and risk management, and the appropriate PPE. I also learnt about the current industry processes used at UFP to ensure the correct protocols were followed when working with dangerous materials. This information was all new to me as I have never worked with radioactive materials or dilithium crystals before. I now feel more confident if I need to complete risk assessments for dangerous materials in future, and I am even more aware of the necessity to minimise the environmental risks when using dilithium crystals.	and bounds of sustainable engineering practice in the specific discipline.
<i>(Write more about what you did)</i> <i>(Each section relevant to a new competency should be in a new row)</i>	<i>(relevant competency)</i>
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Through my experiences in the early stages of the project at UFP, I learned a lot about ABC, DEF, and XYZ. I am now more confident in working with these types of projects, and I would like to find more information about potential roles in the industry. I do not really want to work with radioactive or deadly materials every day, but I am interested in the energy transportation industry. I plan to identify some of the major companies in this field like UFP Corporation, and research the type of skills and experience they need so I can prepare applications for them.	Conclusion

**Word Count:** (insert the word count here. Do not count the words in the “Competency Claimed Column”).

You can use an online service like [wordcounter.net](http://wordcounter.net) to count the words in the table cells. Do not do count the words in the Competency claimed column.