



Orange High School

Stage 6 – HSC

Subject: Industrial Technology – Metal & Timber

Task 2: Industry Study Report

Assessment Outline: Industrial Technology encompasses the study of Australian organisations and businesses within the chosen focus area of metal or timber. In this assessment task, a student will investigate and report on the Historical Background, Structural, Technical, Environmental and Sociological factors, Personnel and Work, Health and Safety issues relevant to the chosen Industry as a whole. The report must address the content of the Industry Study background, factors and issues listed in the assessment criteria component for the Industry Study Report. The report should be at least 3-5 pages (min 900 words – max 1500 words, size 12 Calibri font) using images and pictures where required.

Teachers: Mr. Boundy & Mr. Hetherington

Weighting: 15%

Date handed out: Term 1, Week 6 2022

Due Date: Term 1, Week 10, Friday 1st April 2022

Outcomes assessed:

H1.1 - investigates the industry through the study of businesses in one focus area

H1.2 - identifies appropriate equipment, production and manufacturing techniques and describes the impact of new and developing technologies in industry

H1.3 - identifies important historical developments in the focus industry

H5.1 - selects and uses communication and information processing skills

H7.1 - explains the impact of the focus area industry on the social and physical environment H7.2 -

analyses the impact of existing, new and emerging technologies of the focus industry on society and the environment

Non-completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact the teacher or head teacher on your return to school. Documentation will be required in both cases.

FAILURE TO FOLLOW THE ABOVE PROCEDURES MAY RESULT IN A ZERO AWARD.

Plagiarism & Referencing

PLEASE NOTE: that plagiarism, the use of the work of another without acknowledgement, will incur serious penalties and may result in zero award, in addition, correct referencing procedures are to be adhered to as directed by your teacher. Any cheating will also incur a penalty.

Industry Study Report

Assessment Weighting Guidelines

This assessment will be assessed out of **35** marks. This will then be graded to the HSC assessment weighting of **15%**.

Assessment Criteria:

Part 1: Industry background, factors and issues

In this part you need to address each of the headings and content listed.

1. Historical Background to the whole Industry.

- a. Highlight and discuss a brief historical background of the industry in Australia.
- b. Trace the significant developments of the industry in Australia to the present day.
- c. What future is in store for the industry in Australia?

2. Structural Factors of the whole industry.

- a. What specific areas in Australia are the Timber or Metal industry broken up into? (E.g. the building industry is divided into Commercial and Residential)
- b. List the traditional vocational areas involved in the industry (e.g. trades, professions etc) c. Using a flow chart shows the general hierarchical structure (= order of positions of responsibility) of vocations/positions in a typical industrial environment.
- d. Discuss any changes in the vocational culture of your specific industry area. (e.g. more women undertaking traditional male positions etc)

3. Technical Factors of the whole industry.

- a. Describe the significance that the various technical factors (= mechanisation, specialisation, mass production, automation and emerging technologies) have in the efficiency of the industries studied.

4. Environmental and Sociological Factors of the whole industry.

- a. Analyse and explain the differences between environmental and sociological factors. (What is the difference between the two factors and how do they associate to each other)
- b. Discuss and justify the ramifications of Environmental Impact Statements (EIS) and sustainable development when studying the overall focus industry.

5. Personnel Issues of the whole industry.

- a. Compile a list of the "Employment Streams" for people involved in the industry area of focus.
- b. Describe the personnel issues (e.g. equity, multi-skilling, unions, industrial relations etc) that businesses have to address in their organization.
- c. Identify government legislation and policies that ensure the rights and protection for employees.

6. Work, Health and Safety Issues in the whole industry.

- a. Discuss the importance of WH&S factors that maintain a successful business.
 - i. WH&S committees
 - ii. First aid
 - iii. Safety training
 - iv. Signage
 - v. Government legislation

Part 2: Report Format –

You are to present your report word processed (Word, Pages, Docs etc) including a title and contents page, stapled together in a plastic sleeve (not a folder) by the **due date with a digital copy**. If later than the due date, you need to follow the correct school assessment policy procedures.

Use the following Folio Formatting requirements:

1. Title page – Clearly describes what the report is about.
2. Table of Contents – List of major/minor sections of the report.
3. Introduction – Background information, the aim/purpose of the report. Outlines sections in the body of the report.
4. Main Body – Organised into sections, what was investigated, what was found, interpretation of findings.
5. Conclusion – Summary, significance of findings/interpretation.
6. Appendices – Any information not included in the body of the report.

HINTS FOR REPORT LAYOUT

- Use white space to declutter pages,
- Ensure the separate parts of your report stand out clearly,
- Use short informative headings and subheadings,
- Use **BOLD** type to draw attention to a heading,
- Allow generous spacing between report components,
- Use dot points, numbers, letters to articulate components,
- Use tables, graphs, figures, illustrations, maps for clarification,
- Number each page in a footer,
- Use consistent, appropriate formatting,
- Use formal language,
- Spell/grammar check,
- Proof read to ensure accuracy (third party best)

MARKING CRITERIA – PART 1 – INDUSTRY BACKGROUND, FACTORS & ISSUES

Mark	Marking Criteria
	1. Historical Background to the whole Industry.
5	Expert discussion of the history of the Industry, with analysis of significant developments, the impact of these developments and the future of the industry.
4	High Level of ability in discussing the history of the Industry, with analysis of significant developments, the impact of these developments and the future of the industry.
3	Competent discussion of the history of the Industry, with analysis of significant developments, the impact of these developments and the future of the industry.
2	Basic discussion of the history of the Industry, with analysis of significant developments, the impact of these developments and the future of the industry.
0-1	Limited discussion of the history of the Industry, with analysis of significant developments, the impact of these developments and the future of the industry.

Mark	Marking Criteria
	2. Structural Factors of the whole industry.
5	Expert explanation of Industry areas and vocations with clear explanation of business structure and vocational trends
4	High Level of ability explaining the Industry areas and vocations with clear explanation of business structure and vocational trends
3	Competent explanation of Industry areas and vocations with clear explanation of business structure and vocational trends
2	Basic explanation of Industry areas and vocations with clear explanation of business structure and vocational trends
0-1	Limited explanation of Industry areas and vocations with clear explanation of business structure and vocational trends

Mark	Marking Criteria
	3. Technical Factors of the whole industry
5	Expert analysis of technical factors and their impact on Industry efficiency.
4	High Level of ability analysing technical factors and their impact on Industry efficiency.
3	Competent analysis of technical factors and their impact on Industry efficiency.
2	Basic analysis of technical factors and their impact on Industry efficiency.
0-1	Limited analysis of technical factors and their impact on Industry efficiency.

Mark	Marking Criteria
	4. Environmental and Sociological Factors of the whole industry
5	Expert analysis and discussion of environmental and sociological factors with clear insight into EIS and their impact on the Industry.
4	High Level of ability analysing and discussion of environmental and sociological factors with clear insight into EIS and their impact on the Industry.
3	Competent analysis and discussion of environmental and sociological factors with clear insight into EIS and their impact on the Industry.
2	Basic analysis and discussion of environmental and sociological factors with clear insight into EIS and their impact on the Industry.
0-1	Limited analysis and discussion of environmental and sociological factors with clear insight into EIS and their impact on the Industry.

2020 Industrial Tech Metals/Timber – HSC Industry Study Assessment Task 2 4

Mark	Marking Criteria
	5. Personnel Issues of the whole industry
5	Expert explanation of employment streams, personnel issues and government legislation aimed at protecting employees.
4	High Level of ability in explaining employment streams, personnel issues and government legislation aimed at protecting employees.
3	Competent explanation of employment streams, personnel issues and government legislation aimed at protecting employees.
2	Basic explanation of employment streams, personnel issues and government legislation aimed at protecting employees.
0-1	Limited explanation of employment streams, personnel issues and government legislation aimed at protecting employees.

Mark	Marking Criteria
	6. Work, Health and Safety Issues in the whole industry.
5	Expert discussion of WHS and impact on business success
4	High Level of ability in discussing WHS and impact on business success
3	Competent discussion of WHS and impact on business success
2	Basic discussion of WHS and impact on business success
0-1	Limited discussion of WHS and impact on business success

