# Wagga Wagga High School
# Stage 5 Assessment task

**Course:** General Metal 2 **Year:** 9 **Date:**

**Unit 4:** House number sign

Weighting: **20 %** Grade/mark: _____ Date due: _____

**Outcomes**

A student:

5.1.1 identifies, assesses and manages the risks and OHS issues associated with the use of a range of materials, hand tools, machine tools and processes
5.1.2 applies OHS practices to hand tools, machine tools, equipment and processes
5.2.1 applies design principles in the modification, development and production of projects
5.2.2 identifies, selects and competently uses a range of hand and machine tools, equipment and processes to produce quality practical projects
5.3.1 justifies the use of a range of relevant and associated materials
5.3.2 selects and uses appropriate materials for specific applications
5.4.1 selects, applies and interprets a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects
5.4.2 works cooperatively with others in the achievement of common goals
5.5.1 applies and transfers acquired knowledge and skills to subsequent learning experiences in a variety of contexts and projects
5.6.1 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction
5.7.1 describes, analyses and uses a range of current, new and emerging technologies and their various applications.
5.7.2 describes, analyses and evaluates the impact of technology on society, the environment and cultural issues locally and globally.

**Task outline**

Complete a house number sign as per the attached drawing with modifications to suit your individual requirements.

**Criteria**

- A completed project.
- Completed folio as per the folio outline which includes:
  - title page
  - workshop drawing (orthographic)
  - cutting list with costing
  - work method statement (format supplied)
  - equipment used
  - completed PMI evaluation sheet

## Marking guidelines

| Level | Description of achievement |
|---|---|
| **A** | Students at this level are working at a very high level beyond the outcomes for this stage. They have :<br>• demonstrated a comprehensive knowledge of technologies and evaluate the impacts of these technologies.<br>• produced excellent practical projects, independently managed the project and assessed and applied relevant OHS issues.<br>• independently used design processes to improve or modify projects and have detailed this using a variety of technical terminology and excellent workplace communication skills. |
| **B** | Students at this level have a detailed knowledge of the outcomes for this stage. They have:<br>• demonstrated detailed knowledge of technologies and evaluate the impacts of these technologies.<br>• produced high quality practical projects whilst managing the project and assessing and applying relevant OHS issues.<br>• consistently applied the design process to improve or modify projects and have detailed this using a variety of technical terminology and proficient workplace communication skills. |
| **C** | Students at this level have demonstrated substantial knowledge of the outcomes for this stage. They have:<br>• demonstrated substantial knowledge of technologies and explained the impacts of these technologies.<br>• produced substantial quality practical projects whilst managing the project and applying relevant OHS issues.<br>• applied the design process to sections of practical projects and have listed this using technical terminology and substantial workplace communication skills. |
| **D** | Students at this level have demonstrated satisfactory knowledge of the outcomes for this stage. They have:<br>• demonstrated satisfactory knowledge of technologies and the impacts of these technologies.<br>• produced satisfactory practical projects whilst managing the project and observing relevant OHS issues.<br>• applied some design processes to sections of practical projects and have listed this using technical terminology and satisfactory workplace communication skills. |
| **E** | Students at this level have demonstrated basic knowledge of the outcomes for this stage. They have:<br>• demonstrated basic knowledge of technologies and the impacts of these technologies.<br>• produced with guidance elementary practical projects and followed relevant OHS issues.<br>• with guidance applied some basic design processes to sections of practical projects and have a basic understanding of technical terminology and workplace communication skills. |
| **N** | |