



Training Opportunities Program

The Apollo Fabrication Group's Steel Fabrication Training Opportunities Program is a comprehensive training program designed to provide individuals with the necessary skills and knowledge to excel in the field of steel fabrication. The program consists of several steps, each focused on building specific competencies and expertise in various aspects of the fabrication process. The program's overall structure is as follows:

STEP 1: 6-12 months - Introduction to Fabrication

In this initial step, participants will learn the fundamentals of steel fabrication, including the safe operation of machinery such as bandsaws and punch and shear machines. The curriculum covers key areas such as understanding different steel material sizes, profiles, and thicknesses, reading and interpreting basic workshop drawings, nesting sheets for optimal material usage, coordinating processing across different projects, and basic marking out techniques.

STEP 2: 6-12 months - Basic Steel Fabrication

Building on the foundation established in the first step, participants will delve deeper into the world of steel fabrication. This phase covers essential skills like welding, reading and interpreting more detailed and complex drawings, gaining a comprehensive understanding of various fabrication processes, and honing the ability to mark off and assemble different structural members.

STEP 3: 4 years - Formal Apprenticeship/Traineeship

This stage involves a formal apprenticeship or traineeship program spanning four years, culminating in the attainment of a Certificate III in Engineering - Fabrication Trade (National Course Code: MEM30305). Participants in this phase will undergo an in-depth and structured

learning experience that prepares them for a variety of roles within the steel fabrication industry. The curriculum includes a mix of theoretical coursework and hands-on practical training, encompassing the following areas:

- **Interacting with clients and stakeholders effectively**
- **Completing technical drawings and geometric development**
- **Proficiently using power tools and hand tools**
- **Welding techniques**
- **Performing thermal cutting processes.**



Developing Skills and Attributes:

Throughout the program, participants are encouraged to develop a range of valuable skills and attributes that contribute to their success in the industry. These include:

- **A genuine interest in fabrication processes, principles, and concepts**
- **Enthusiasm for acquiring practical skills in engineering and welding**
- **Mechanical aptitude**
- **Strong problem-solving abilities**
- **Excellent communication skills.**

Goals and Achievements:

Upon completion of the Apollo Steel Fabrication Training Opportunities Program, participants will attain the following outcomes:

- **A nationally recognised Certificate III qualification in Engineering - Fabrication Trade**
- **Foundational knowledge and skills required to pursue a career as a engineering tradesperson**
- **A pathway to advanced studies, potentially leading to the attainment of a Certificate IV in Engineering.**

Overall, the program equips individuals with the expertise and proficiency needed to excel in the dynamic and rewarding field of steel fabrication, enabling them to contribute effectively to a range of industries that rely on their skills.



Australia's structural steel specialists

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