



WELDING_ BASIC

Preface

This course covers the interested individual to become Iron Workers which started to equip as a metal arc welder in basic fabrication. The main focus are placed on four position of welding technique (flat, vertical, horizontal, and overhead) employing the basic fabrication, Oxy-Acetylene Welding (OAW), and Shielded Metal-Arc Welding (SMAW).

Objectives

After completing this course those successful individuals should be able to show skills in simple fabrication and arc welding. All welding technique should be learn and demonstrate by the learner while doing the practical exercise.

Syllabus

- Safety Orientation
- Tools and Material Use in Welding
- Basic Fabrication
- Introduction to Welding
- Oxy-fuel Gas Cutting and Welding Technique
- Shielded Metal Arc Welding
 - Flat Position
 - Horizontal Position
 - Vertical Position
 - Overhead Position
- Practical Exercise

Course Outcomes

The successful candidates demonstrated the skills in; using the measuring tools, proper cutting technique in fabricating materials and proper arc welding. The Iron worker possesses positive attitude in practical exercise and observe safety all the time.

Teaching and Mode of Delivery

Lecture and Practical Exercise Method.

Requirement

- All candidates must be conversant literate in English

Availability

- Available upon request
- Candidates to bring along ID/passport on 1st day of course

Assessments

In addition to a formal written assessment the candidates will be assessed through oral questioning, practical role play performance and within group workshop activities.

At the completion of the course a CERTIFICATE IN BASIC WELDER will be issued. Qualified as 2G Plate Welder.

Training Details

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| Duration: | 4 Weeks |
| Time: | 08.00am to 03.00pm |
| Venue: | PMTC, Konedobu |
| Course Fees: | TBA |

For further information please contact:

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