

Course Title	Certificate of Competence in Welding Level 1
Course Code	CWD1R
Course Objectives	On completion of the course, participants should be able to perform welding on plates to form permanently-assembled metal structures using SMAW in 3G position.
Course Description	Participants will learn to: <ul style="list-style-type: none"> • Maintain safe working environment. • Set up welding work. • Perform butt Joints on metal plates in 3G position using shielded metal arc welding. • Perform check on weld defects.
Course structure	Course Duration: 1 day (7 hours) comprising of 2 hours Theory + 2 $\frac{3}{4}$ hours Practical + 2 $\frac{1}{4}$ hours test. Venue: Workplace Training Centre.
Advisory	<ul style="list-style-type: none"> • Participants must be existing welder.
Remarks	<p><u>Company Sponsorship</u> For company sponsorship, please refer to this guide on how companies can be onboarded to STEP.</p> <p>The company's training coordinator will need to login to STEP Company Portal, then log in with Corpass.</p> <p>The company coordinator will:</p> <ol style="list-style-type: none"> 1. Source for the required course. 2. Generate a course application link. 3. Email link to sponsored employees and inform them to self-register through the link. 4. Approve applicants to be sponsored (after employees register). <p>Please refer to a step-by-step guide to administer and manage employees' courses and learning needs on STEP.</p>

Course Title	Certificate of Competence in Welding Level 2
Course Code	CWD2N
Course Objectives	On completion of the course, participants should be able to perform welding on plates to form permanently-assembled metal structures using shielded metal arc welding and gas tungsten arc welding processes in 6G welding positions.
Course Description	Participants will learn to: <ul style="list-style-type: none"> • Maintain safe working environment. • Set up welding work. • Perform shielded metal arc welding (SMAW) on mild steel pipes to pipes in 6G position. • Perform gas tungsten arc welding (GTAW) on mild steel pipes to pipes in 6G position. • Rectify weld defects.
Course structure	Course Duration: 3 days (21 hours) comprising of 7 hours Theory + 10.5 hours Practical + 3.5 hours test. Venue: Workplace Training Centre.
Advisory	<ul style="list-style-type: none"> • Participant must be existing welder. • Participant must possess Certificate of Certificate in Welding - Level 1 certificate.
Remarks	<p><u>Company Sponsorship</u> For company sponsorship, please refer to this guide on how companies can be onboarded to STEP.</p> <p>The company's training coordinator will need to login to STEP Company Portal, then log in with Corppass.</p> <p>The company coordinator will:</p> <ol style="list-style-type: none"> 1. Source for the required course. 2. Generate a course application link. 3. Email link to sponsored employees and inform them to self-register through the link. 4. Approve applicants to be sponsored (after employees register). <p>Please refer to a step-by-step guide to administer and manage employees' courses and learning needs on STEP.</p>