

GYS AUTOPULSE 22-M3—GMA WELDER OPERATION AND TUNING

VT375E01

Course Format: Online training with posttest

I-CAR Credit Hours: 1

I-CAR Points: 0.25

This course helps satisfy ProLevel training requirements for the following roles:



Non-Structural Technician



Assessor



Aluminium Technician



Structural Technician



Estimator



Refinish Technician



Production Management

GYS Autopulse 220-M3—GMA Welder Operation and Tuning is a 1 hour course that introduces the settings, functions, adjustments, and advanced tuning techniques for the GYS Autopulse 220-M3, 3 torch machine while using steel, MIG brazing and aluminium electrode wire. This course is beneficial for students with prior knowledge of welding to understand the leverage the functionality and capabilities of the GYS Autopulse 220-M3.

Course Content

Module 1—Chief MultiMig 525—GMA Welder Operation and Tuning

- Topic 1—Welder Overview
- Topic 2—Settings and Tuning with Steel
- Topic 3—Settings and Tuning while Brazing
- Topic 4—Settings and Tuning with Aluminium
- Topic 5—Troubleshooting

Learning Objectives

- Explain the basic machine features and settings of the Autopulse 220-M3 welder
- Describe the settings and tuning capabilities of the Autopulse 220-M3 welder while using steel
- Discuss the settings and tuning capabilities when MIG brazing with the Autopulse 220-M3 welder
- Describe the settings and tuning capabilities of the Autopulse 220-M3 welder while using Aluminium
- Describe advanced tuning methods for thin materials
- Discuss troubleshooting errors and possible solutions associated with welding