




# OWETEC

**CERTIFIED WELD TRAINING.  
EXPERT CONSULTING. PROVEN RESULTS.**

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Royalton, OH 44133

 [www.owetecllc.com](http://www.owetecllc.com)





# HOW WE HELP

OWETEC is a trusted leader in orbital and manual welding education and consulting, serving industries where precision and compliance are critical. We help professionals and organizations master advanced welding technologies, optimize performance, and meet the highest certification standards worldwide.

- **Certified Training Programs** – Orbital, manual, and weld inspection courses led by CWI/CWE-certified experts, designed for real-world production and ASME Section IX qualification.
- **Consulting & Technical Services** – On-site and remote support that improves efficiency, quality, and compliance through customized weld schedules, inspections, and process optimization.
- **OWETEC Products** – Engineered for high-purity applications, our purge panels, orbital welding kits, and inspection tools reduce defects, minimize contamination, and ensure repeatable, reliable results.
- **Flexible Delivery** – On-site, in-center, or hybrid programs tailored to your team's schedule and equipment.

At OWETEC, we don't just train welders—we build capability, strengthen organizations, and raise the bar for welding excellence.



# INDUSTRIES WE SERVE

OWETEC provides specialized welding training and consulting solutions for industries where precision, safety, and regulatory compliance are critical. Each engagement—whether education or consulting—is tailored to the standards, environments, and technologies that define modern manufacturing.

- **Semiconductor & Aerospace** – Cleanroom-grade orbital welding expertise and ultra-precision standards.
- **Pharmaceutical & Biopharma** – Process-critical weld integrity and validation support.
- **Oil & Gas & Clean Energy** – Field-ready training for high-pressure, high-performance environments.
- **Nuclear & Power Generation** – Compliance-driven programs meeting ASME and AWS codes.
- **Food & Beverage** – Sanitary weld practices that protect product safety and quality.



AEROSPACE



BIOPHARMACEUTICAL



OIL & GAS



SEMICONDUCTOR



FOOD  
& BEVERAGE



SHIPBUILDING

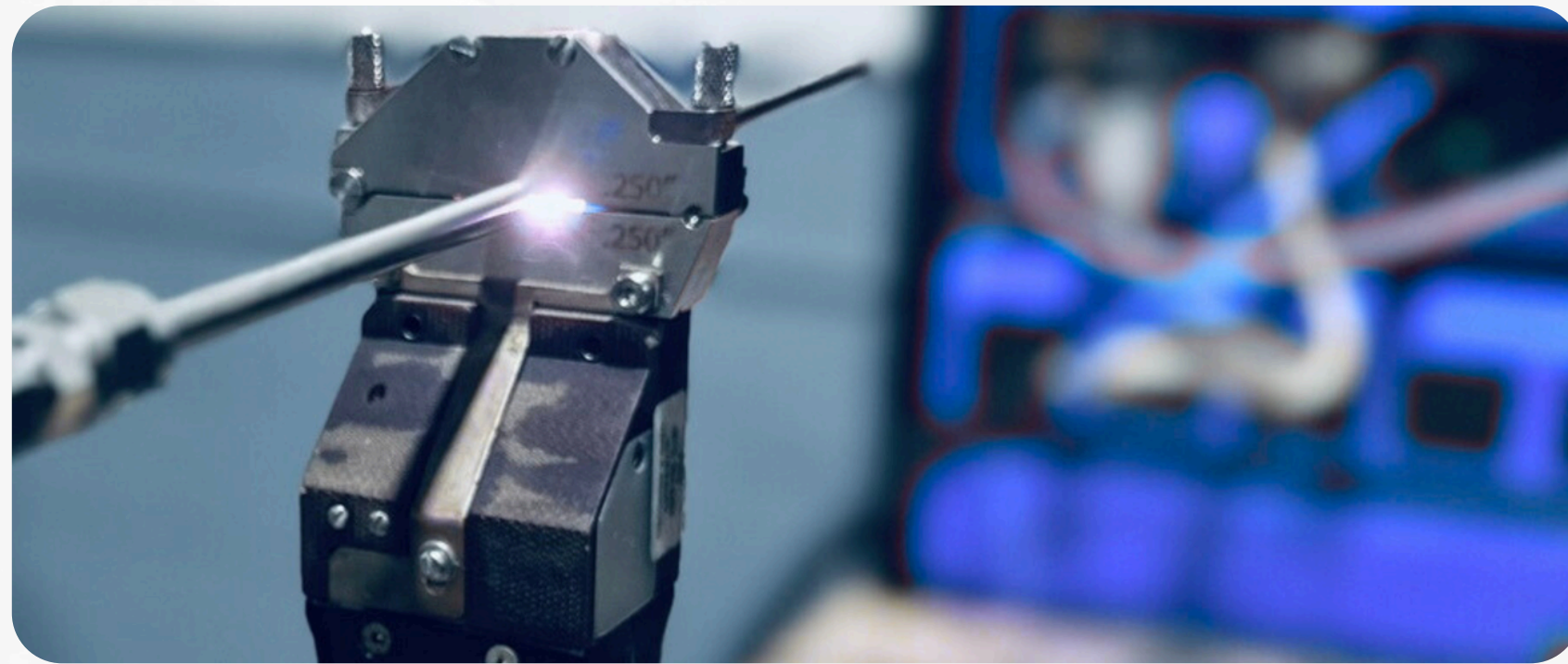


POWER  
GENERATION



CLEAN  
ENERGY





# ORBITAL WELD TRAINING

OWETEC delivers industry-leading orbital welding certification programs that blend classroom learning with hands-on GTAW practice to meet the highest global standards.

Led by CWI/CWE-certified instructors with real-world expertise, our training prepares welders to achieve ASME Section IX qualification and perform with precision across mission critical industries.

## COMPREHENSIVE ORBITAL WELDING TRAINING COURSE

An intensive, hands-on program that equips professionals with the technical knowledge and precision skills required for ASME-compliant orbital GTAW welding across mission-critical industries.

## OPEN-HEAD WIRE-FEED ORBITAL GTAW WELDING COURSE

Advanced training in open-head, wire-feed orbital GTAW welding, covering multi-pass programming, defect control, and ASME/API code compliance for complex pipe systems.

## 3-DAY ORBITAL WELD SETUP & OPERATION COURSE

A focused 3-day program that teaches professionals how to set up, program, and operate orbital welding systems with precision and confidence across high-tech and industrial applications.



# COURSE GUIDE & PRICING

## COMPREHENSIVE ORBITAL WELDING TRAINING COURSE

### Who It's For:

Professionals and organizations seeking full-spectrum orbital welding expertise across cleanroom, field, and high-purity applications.

### What You Leave With:

OWETEC Certificate of Completion and preparation for ASME Section IX qualification—ready for production-level orbital welding roles.

**Duration:** 5 Days

**Investment:** \*\$2,500 per seat

## OPEN-HEAD WIRE-FEED ORBITAL GTAW WELDING COURSE

### Who It's For:

Welders, engineers, and QA/QC professionals working in oil & gas, nuclear, and heavy industrial environments who require advanced open-head orbital GTAW expertise.

### What You Leave With:

OWETEC Certificate of Completion and advanced skills for ASME/API code-compliant pipe welding applications ranging from 2" to 8" in diameter.

**Duration:** 5 Days

**Investment:** \*\$3,500 per seat

## ORBITAL WELD SETUP & OPERATION COURSE

### Who It's For

Technicians, maintenance teams, and entry-level orbital welders seeking practical setup and operation skills for major orbital welding systems.

### What You Leave With

OWETEC Certificate of Completion and job-ready operational proficiency for high-precision orbital welding environments

**Duration:** 3 Days

**Investment:** \*\$2,500 per seat

Courses are available **on-site** or at OWETEC's North Royalton training center.

*\*Minimum of 4 participants required to run the class*

*\*Prices shown apply to open-seat sessions held at our facility. **Private & group bookings available.***





# MANUAL WELD TRAINING

Advance your welding career with hands-on, certification-ready manual welding training led by seasoned CWI/CWE experts. OWETEC programs build real-world skill and code-compliant precision—delivered on-site or at our global training centers.

## 2-WEEK BEGINNER MANUAL WELDING COURSE

A 100-hour foundational program for new welders—building essential SMAW, GTAW, GMAW, and FCAW skills through hands-on, safety-focused instruction.

## 2-WEEK ADVANCED MANUAL PIPE & STRUCTURAL WELDING COURSE

An intensive 112-hour course for experienced welders specializing in high-performance pipe and structural welding to ASME and AWS standards.



# COURSE GUIDE & PRICING

## 2-WEEK / 100-HOUR BEGINNER MANUAL WELDING COURSE

### Who It's For:

Aspiring welders starting their career in the trades or those seeking a strong foundation before advanced certifications.

### What You Leave With:

OWETEC Certificate of Completion and fundamental proficiency across SMAW, GTAW, GMAW, and FCAW processes—ready for entry-level employment or further training.

**Duration:** 2 Weeks (100 Hours)

**Investment:** \*\$5,000 per seat

## 2-WEEK / 112-HOUR ADVANCED MANUAL PIPE & STRUCTURAL WELDING COURSE

### Who It's For:

Experienced welders aiming to specialize in code-compliant pipe and structural welding within oil & gas, power generation, or heavy industrial sectors.

### What You Leave With:

OWETEC Certificate of Completion and hands-on preparation for ASME Section IX, AWS D1.1, and API 1104 qualification tests—ready for high-pressure and precision fabrication roles.

**Duration:** 2 Weeks (112 Hours)

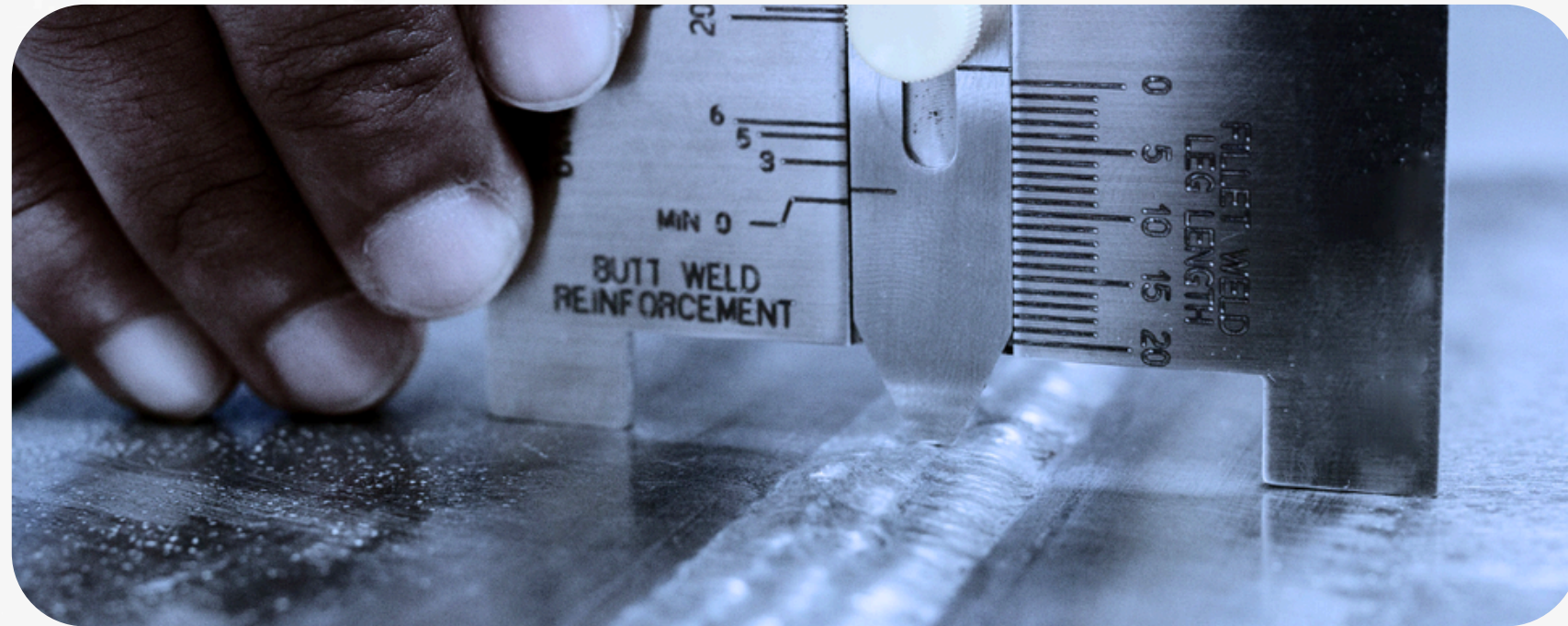
**Investment:** \*\$5,000 per seat

Courses are available **on-site** or at OWETEC's North Royalton training center.

*\*Minimum of 4 participants required to run the class*

*\*Prices shown apply to open-seat sessions held at our facility. **Private & group bookings available.***





# WELD EXAMINER TRAINING

OWETEC delivers specialized weld inspection training designed to prepare participants for careers in weld examination, quality control, and compliance oversight. Led by Certified Welding Inspectors (CWI) and Certified Welding Educators (CWE), the program combines theory with hands-on inspection exercises to build real-world confidence and technical precision.

Courses are available **on-site** or at OWETEC's North Royalton training center. **Private & group bookings available.**

## WELD EXAMINER TRAINING 5-DAY COURSE

### Who It's For:

Welders, welding inspectors, QA/QC professionals, fabrication leads, and anyone responsible for weld inspection or quality coordination in regulated industries such as biopharma, food & beverage, semiconductor, oil & gas, and manufacturing.

### What You Leave With:

An OWETEC Certificate of Completion and credit hours toward ASNT Level I Visual Inspection time requirements, with the opportunity to complete the ASNT Level II Visual Exam (written portion).

**Duration:** 5 Days

**Investment:** \*\$2,500 per seat

*\*Prices shown apply to open-seat sessions held at our facility.*



# ON-SITE TRAINING



## TRAIN YOUR WORKFORCE TODAY

Bring OWETEC's certified instructors and equipment expertise directly to your facility—minimizing downtime and maximizing team performance. Get customized training tailored to your equipment, your schedule, and your goals.

*Travel and accommodations for the OWETEC Trainer/SME are included in only 5-day on-site training quotations.*

\*Prices shown apply to on-site training within the U.S. International rates available upon request.

### ORBITAL WELD TRAINING

**\$19,500**

- ASME Section IX qualification provided and certified by OWETEC.

### OPEN-HEAD WIRE FEED TRAINING

**\$19,500**

- ASME Section IX qualification provided and certified by OWETEC.

### WELD EXAMINER TRAINING

**\$19,500**

- Certificate of Completion provided and issued by OWETEC

### MANUAL WELD TRAINING

**\$35,000**

- Certificate of Completion provided and issued by OWETEC

### ORBITAL WELD SETUP & OPERATION COURSE

**\$9,500**

- Certificate of Completion provided and issued by OWETEC



# CONSULTING SERVICES

## EXPERT SUPPORT FOR GLOBAL INDUSTRIES

When welding performance impacts safety, compliance, or productivity, OWETEC delivers specialized consulting and technical support that solves problems, reduces risk, and improves efficiency. Our CWI/CWE-certified experts bring decades of real-world experience—working on-site and worldwide to deliver practical, code-compliant solutions that meet ASME, AWS, API, and ISO standards.

### Consulting Services Include

- Weld program and schedule development
- Custom fabrication and process solutions
- Training program design and workforce development
- Equipment troubleshooting and performance optimization
- Weld system inspection and compliance auditing
- Support for new product development and validation



**1-Day - 10-Hour On-Site Consulting / Training Session**

**Includes:** Full-day in-person support from an OWETEC expert. | **Investment:** \$3,500



# OWETEC PRODUCTS

Each OWETEC solution is built with performance and reliability in mind. From purge panels and orbital tube welding kits to weld inspection tools and specialized accessories, our products support every stage of the welding process.

## ORBITAL TUBE WELDING PURGE KIT

**\$3800** \*Plus Shipping

The OWETEC Purge Kit creates a controlled, contaminant-free atmosphere inside tubing during orbital welding, ensuring clean, defect-free welds for high-purity applications.

Custom configurations available  
Contact us for details.



## WELDING PURGE PANEL

**\$2500** \*Plus Shipping

The OWETEC Purge Panel is a precision gas control system engineered to deliver stable, oxygen-free conditions during orbital tube welding. It regulates argon flow, pressure, and timing to ensure consistent, high-purity welds while minimizing gas waste and operator error.





# CONTACT US

At OWETEC, we make it easy to connect with our team of welding experts. Whether you're an individual welder seeking certification or a company looking to strengthen your workforce, we provide fast, professional support to get you the answers you need.

[Contact Us Today](#)

[View Our Comprehensive Price List](#)

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*\*All prices listed in this document are in U.S. Dollars (USD)*