



SECRC MILLWRIGHTS

WE ARE HYDROELECTRIC POWER SPECIALISTS



Our Certified Rigger and Signaler Program is now accredited by the National Commission for Certifying Agency. The certification exceeds all requirements for riggers and signalers in the USA and Canada.

ubccertifications.org

Whether you need inspection, installation, repair, overhaul, maintenance, refurbishment, or upgrade of your hydroelectric plant equipment, millwrights from the Southeastern Carpenters Regional Council are ready to service your scheduled or forced outage needs, anytime, anyplace.

Stationed across the South, our millwrights are experienced in working at every type of hydroelectric facility, and they are experts in installing, maintaining, and repairing the different types of turbines used in these facilities as well as wicket gates, flood gates, and trash rakes. The SECRC has signatory partners that offer complete engineering and repair services.

QUALITY WORK VIA TOP-NOTCH TRAINING

Our millwrights and instructors train on the most advanced equipment and tools in the industry. Our hydro training includes detailed instruction related to:

The three types of hydro-power facilities:

- Impoundment
- Diversion
- Pump Storage

Different turbine types used in hydro-power facilities:

- Impulse Turbines (Pelton)
- Reaction Turbines (Francis and Kaplan)
- Reversible Pumped Storage Units (Francis)

Our millwrights also receive advanced training in installing, maintaining, and repairing all other mechanical equipment, including wicket gates, flood gates, and trash rakes, operated as part of hydroelectric plants.

Precision hand and power tools used in the industry and their proper care and uses are covered extensively. Rigging fundamentals and safety are taught, and the importance of taking “as found” readings, match marking, bagging, and tagging are emphasized.

Just a sample of the skill set our precision millwrights provide includes:

- Disassembly Procedures
- Inspection Processes
- Reassembly Procedures
- Making and Properly Installing Gaskets
- Adjusting the Wicket Gates
- Vertical Shaft Alignment
- Precision Leveling
- Using Plumb Wires and a Static Mic
- Final Assembly and Adjustments



ON EVERY JOBSITE, EVERY DAY, SECRC MILLWRIGHTS AND CONTRACTORS BRING:

- **Safety:** Constant attention to safety is ingrained in our membership, from our leadership to our apprentices. Safety is built into every training program. We work with our partners to proactively ensure safety and resolve individual safety issues as they occur.
- **Dedication:** We come to work every day with a positive attitude, a professional appearance, and a determination to finish the job correctly, on time, the first time.
- **Availability:** Our thousands of SECRC millwrights enable our contractors to be fully staffed at all times, which allows for quick responses to emergencies and other challenges.
- **Productivity:** Meeting the schedule is key, and our disciplined, reliable crews know that fast, accurate installations are essential.
- **Flexibility:** We keep projects on time and on budget using strategies fine-tuned to customer needs. We compress schedules, adjust staffing numbers, and modify work-hours, work-days, and work-weeks to get the job done.
- **Customer Service:** We finish projects according to the customer's satisfaction—and we follow through with maintenance and customer service. One call puts the best-trained maintenance crews at the jobsite to get the system up and running as fast as possible.

THE WAY WE WORK

Starting with pre-project conferences to outline the scope of the work, manpower needs, and scheduling issues, our contractors keep lines of communication open throughout the life of the project. We tailor contracts to keep customers competitive, and we offer foreman and superintendent training for solid jobsite leadership.

SAFETY: OUR TOP-PRIORITY BUSINESS DELIVERABLE

The SECRC believes a safe jobsite is achieved only through comprehensive training for every millwright on every project. Our members complete and master these health and safety training programs:

- Cardio Pulmonary Resuscitation
- Confined Space Worker Safety
- Ergonomics
- Fall Arrest
- Lock-out/Tag-Out Safety
- SDS (Safety Data Sheets)
- Millwright Health & Safety 16-Hour Course
- Occupational Safety & Health Act 10-Hour Course
- Scaffold User Safety
- Pre-Task Analysis, Jobsite Safety Analysis

Bottom Line By using SECRC millwrights, you are assured quality, productive work, from pre-planning to maintenance. Our promise is simple: ● We will work safely, accurately, and dependably. ● We will respond to all requests promptly and will deliver the service that we promised. ● We will communicate early and often and will involve the customer every step of the way. ● We will complete projects according to specified schedules with pride and integrity.

Your goal is our goal.



Visit ubcmillwrights.com and southeastcarpenters.org to learn more about our programs. Access UBC Millwrights' interactive “Find a Millwright” map and learn how fast we can meet your needs.

