

Operator Training Available

Operating Engineers Local 3 – JAC

Rancho Murieta Training Center

BACKHOE CLASS

The backhoe class offers students the ability to learn basic to advanced skills using hands-on techniques. Operators learn basic terminology used in the industry, how to identify basic parts of the equipment, various types of controls such as CAT, John Deere and Case. Also include is string line excavating, front end loader usages, as well as various excavating techniques such as vertical wall, sloped wall, trenching and more.

BLADE CLASS

This course focuses on basic blade operating: haul roads, processing, “V” ditches and flat bottom ditches. Secondary training on the blade electronics, system calibration, grading to stakes with auto cross slope. Advanced training includes cutting slopes, instruction on sonar, laser, and both TopCon and Trimble GPS.

CRANE CLASS

Hands-on operation of non-rotating and rotating cab hydraulic cranes, lattice boom cranes, tower cranes and overhead cranes. Classroom instruction on the regulations and standards governing cranes and how to read load charts. Weekend prep classes for NCCCO testing are available. Safety, load charts, OSHA and CCO requirements are covered in this course. CCO certifications are NOT done during this course.

DOZER CLASS

In the dozer class trainees receive instruction on the safe operation of this machine, its components, controls and capabilities. Trainees will learn to grade to common grade stakes, work with scrapers, compactors and other machines found on the construction site, to cut slopes and use a slope board. The trainee may also have the opportunity to learn how to set up and use TopCon and Trimble GPS in practical projects used on the job if available.

EXCAVATOR CLASS

Trainees learn terminology used in the industry and how to identify basic components of the excavator and the safe operation of excavators. CAT and Komatsu excavators are used with both CAT and John Deere controls. Trainees learn how to set up and use a string line, set up the excavator, cut trenches using both vertical wall and sloped wall techniques, mass excavation techniques and loading dump trucks.

GRADESETTING CLASS

This introductory level course will teach prospective gradesetters how to set grade stakes to guide earth-moving equipment operators. The course focuses on the fundamentals of gradesetting with topics including slope staking, plan reading, volume calculations, street section grading, layout of pads, catch-basins and channels, and GPS gradesetting technology.

GLOBAL POSITIONING SYSTEM (GPS) GRADESETTING CLASS

This Introductory level is course designed to provide students with basic understanding of GPS in the construction industry and its four major components: satellites, base station, rover, & data collector. In addition, students will learn to localize jobsites, tie out and relocate underground, and stake offset line-work using the gradesetting rovers.

LOADER CLASS

The loader class offers instruction on various size CAT loaders. Trainees learn how to load from a stockpile, build a stockpile, load hoppers, load dump trucks, build fill pads and backfill trenches.

SCRAPER CLASS

The scraper class offers instruction on both single engine conventional scrapers and paddlewheel scrapers. Trainees learn how to properly work a cut, a fill, load, dump, and safely travel on a haul road. Double engine push-pull scrapers are not offered at this time.

SUPPORT EQUIPMENT CLASS

The support equipment class offers safe operation and training on John Deere and Case drag tractors, Bobcat skid steer loaders, a small vibratory sheepsfoot compactor and a CAT mini excavator. A trainee has the opportunity to learn to build sidewalk grade, build fill pads and dig ditches, while working with and around other equipment.

EQUIPMENT GPS CLASS

This class is geared toward the operator who has basic operating knowledge and experience on various types of equipment as well as job site procedures. Both TopCon and Trimble GPS systems are taught on CAT 163H and 140H blades, D6M and D6N dozers, 623F and 615C paddlewheels and 815F compactors. Trainees will learn to build pads, streets, levees and canals using equipment with GPS. Must be an experienced operator to attend this course.

Check the web @ <http://www.oe3.org/training/california.html> for more information and class schedules or contact the Rancho Murieta Training Center @ (916) 354-2029.