Construction Industry Laborers' Training Contractor Newsletter

CILTF

Construction Industry Laborers’ Training Fund
Construction Skills & Safety Training

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Approved by the

ANSI

OSHA

Authorized Outreach Trainer
Contractor:

I wanted to inform you that the Construction Industry Laborers’ Training Fund is more than capable of providing training pertaining to construction skills and safety. Just to list a few, OSHA 10, OSHA 30, CPR & First Aid, Hazard Communication, Traffic Control Technician, Traffic Control Supervisor (both meet D.O.T in Mo & Ks requirements), Pipe laying (gravity flow & pressurized), Grade Checking, & Concrete, etc.

In addition to the above we have a Specialty training program that includes: CDL training, Asphalt Training, GPS, NASSCO Certification, just to name a few. CDL is a two-part class, assisting with the trainee getting their permit as well as paying the cost to get their Class A license. For more information, please feel free to contact me.

We pride ourselves on working with contractors and tailoring training to their needs. The format of all classes are tailored to meet the needs of the contractor, meaning we can do nights, weekends or days, which ever works best for the contractor.

To ensure what is being taught in our classes is conducive to your needs, we have scheduled Contractor luncheons once a month starting in October through March. I encourage you to attend these luncheons, your input is critical to the success of our training programs. Below is a schedule of the 2019-2020 Contractor Luncheons. Please contact me to schedule.

If I can be any further assistance to you, please do not hesitate to contact me.

Sincerely,
Michael S. White
Training Director

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<th>Contractor Luncheons</th>
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<td>October 25, 2019</td>
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Our *Introduction to Grade Checking* course reinforces what was learned in Construction Math and applies it through both classroom problems and hands-on practice. Our first lesson is based on building pads with no slope percentage to instill the basics of finding various elevations through the use of surveyor’s hubs and blueprints. We extensively cover the use of string line for both checking grade and paving. Along with classroom discussion and assigned problems, our hands-on portion includes setting up string from curb hubs, checking grade and hand signals. Our final topic for the week is ADA standards used for sidewalks and parking lots.

*Grade Checking: Advanced* - Along with refreshing the skills covered in our intro course, we go in depth on the topics of: blue tops, center line stakes and offsetting them, effectively setting grade stakes for use and preservation, layout, and GPS/Total station basics. This course stresses the importance of communication, leadership traits, and work relationships teamed with diligent organization of daily notes taken in a field book.
PIPE COURSES: GRAVITY FLOW PRESSURIZED

- **Gravity Flow**
  
  In this course we apply the math used for installation of sanitary and storm sewer lines. The students learn about the type of pipe used, repairing existing lines, low pressure testing, and lateral lines. Our complete hands-on training includes setting up a pipe laser, using it to lay pipe to grade, and pouring inverts and collars.

- **Pressurized**
  
  In this comprehensive course we cover all the applications and installation of the various types of pipe, joints, valves, and required tools. Our hands-on training includes an installation of ductile iron waterline, valves and hydrants, live tapping, pressure testing, chlorination, and pipe fusion with HDPE used for both transmission waterlines and natural gas.

**SAFETY**

Both classes extensively cover trench safety and all OSHA standards used in pipe laying. Students learn to identify soil types, about benching, sloping and trench protection, what classifies a competent person, an awareness of working in confined spaces, and other job site hazards.
In this course we learn about cement types, mix designs, sub-grade prep, forming, reinforcement, volume formulas, placement techniques, the importance of vibration for consolidation, basic finishes, the science of curing, and the tools we use. Our hands-on time includes a flat-work project and formed curb where we put our newly-learned skills to affect.

This course takes the knowledge from our Basic course and it applies it to vertical structures and decorative designs. The class is primarily hands-on and includes a wall form and pour, and tasks the students in doing a design-build bench project that includes decorative techniques.