CONSTRUCTION & SKILLED TRADES
Top 10 Industry Skills

Communications

Ability to convey thoughts and express ideas effectively in writing and speech as well as fully comprehend what others are saying.

Example: Verbally explain the identified problem to a client in an easily understandable way.

Detail Oriented

Ability to efficiently achieve thoroughness and accuracy when accomplishing tasks.

Example: Collect detailed data and information to prepare technical drawings using AutoCAD.

Dexterity

Steady hand and good hand–eye coordination when handling very small parts and tools precisely, often in tight spaces.

Example: Use your hands and feet to maneuver and control construction equipment within marked safety area.

Math

Ability to perform calculations to meet project and product requirements.

Example: Precisely measure, cut and modify piping for installation.

Mechanical

Knowledge of how the systems operate to assemble, disassemble, repair, reassemble and maintain machinary.

Example: Install and repair components of a complicated climate-control system.

Physical Stamina/Strength

Ability to lift heavy materials or equipment often and stand, climb, walk, or bend for many hours.

Example: Lift tools and materials over 50 lbs. at an outside worksite.

Power Tool Operation

Control the functioning of a tool that is powered by an additional energy source and mechanism.

Example: Shape or cut materials to specified measurements using hand tools, machines or power saws.

Problem Solving

Identify complex problems and reviewing related information to develop and evaluate options and implement solutions.

Example: Work independently to modify building materials and make adjustments onsite to complete projects.

Time Management

Effectively plan in advance and work efficiently to meet deadlines.

Example: Ensure each construction phase is completed on time regardless of material delays, so the next phase can begin as scheduled.

Troubleshooting

Ability to find, diagnose, and determine best way to repair problems.

Example: Perform tests on a non working motor to determine an open circuit as the cause of its failure.