



**JOINT APPRENTICESHIP & TRAINING COMMITTEE
PLUMBING, PIPE FITTING & REFRIGERATION INDUSTRY
OF SAN MATEO COUNTY**

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STEPHAN SCHNELL, DIRECTOR OF TRAINING

2021 APPRENTICESHIP APPLICATION PROCEDURES

Plumbing, Pipefitting, Refrigeration & Air Conditioning Apprenticeship
for San Mateo County

APPLICATION PERIOD

DATES: Monday, March 15, 2021 - March 26, 2021 (Monday - Friday only)

TIME: 2:00pm to 4:00pm only

LOCATION: Local 467 Training Center, 1519 Rollins Road, Burlingame, California

ONLY THE FIRST 150 APPLICATIONS WILL BE ACCEPTED

FIVE (5) REQUIREMENTS TO ENROLL IN THE APPRENTICESHIP:

(1) APPLY & REGISTER FOR THE ENTRANCE EXAM

All applicants MUST submit the following to the training center during the APPLICATION PERIOD in order to REGISTER for the ENTRANCE EXAM:

- **Proof of Minimum Age and Permanent US Employment Eligibility.** A current valid state issued driver license or state issued photo ID with a Social Security Card, a US passport, or a Permanent Resident Card (Green Card). Applicants must be at least 17 years old to register and 18 years old by the first day of employment, which can be no later than the first day of the first period apprenticeship class. Applicants must be legally authorized to live and work permanently in the United States.
- **Proof of completion of high school.** High school diploma, certificate of proficiency, General Education Diploma (GED), or equivalent is required.
- **High school and/or college transcript(s)** embossed or sealed by the school and unopened reflecting at least two (2) semesters of mathematics with passing grades of "C" or higher. Unofficial transcripts are not accepted.

To qualify for a 15% credit on the ENTRANCE EXAM, **Graduates of Multi-Craft Core Curriculums (MC3)**, such as the San Mateo County Trades Introduction Program (TIP) and **Local 467 trades-level members** employed by a Local 467 contractor for a minimum of one (1) year must also submit the following:



- An original MC3 completion certificate.
- An original signed statement on a current employer's company letterhead validating at least one (1) year of work.

(2) PASS THE ENTRANCE EXAM

Only qualified and registered applicants will be invited to take the ENTRANCE EXAM. The invitation will include the date, time, and location of the exam. Applicants must pass the exam with a score of 70% or higher. The exam includes arithmetic, basic algebra, and mechanical aptitude questions.

(3) PASS THE INTERVIEW

Applicants who pass the ENTRANCE EXAM will be notified of a date, time, and location of an INTERVIEW with union employers and members. Applicants must pass the INTERVIEW with a score of 70% or higher.

(4) ATTAIN EMPLOYMENT & SPONSORSHIP

Applicants who pass the ENTRANCE EXAM and pass the INTERVIEW will then be provided a LOCAL 467 EMPLOYER LIST to seek and attain employment and sponsorship in the apprenticeship. Acceptance into the apprenticeship requires employment and an employer's sponsorship.

(5) PASS A DRUG AND ALCOHOL TEST

Applicants who pass the ENTRANCE EXAM, pass the INTERVIEW, and ATTAIN EMPLOYMENT & EMPLOYER SPONSORSHIP will be provided DRUG AND ALCOHOL TEST directions that must be followed and passed prior to dispatch as an apprentice. Applicants are responsible for all DRUG AND ALCOHOL TEST expenses.

~ THIS ANNOUNCEMENT DOES NOT GUARANTEE EMPLOYMENT ~

NONDISCRIMINATION POLICY

The Local 467 apprenticeship does not discriminate against applicants or apprentices based on race, color, religion, national origin, sex, sexual orientation, age, genetic information, or disability. The Local 467 apprenticeship provides equal opportunities and operate the apprenticeship as required by the Code of Federal Regulations, Title 29, Part 30, Equal Employment Opportunity in Apprenticeship and Training.

COST

Total apprenticeship initiation is \$800. \$400 is due prior to dispatch as an apprentice. The remaining \$400 balance is due at the completion of the apprenticeship. Monthly union membership dues are subject to change, but are currently \$54/month for 1st period apprentices and \$31/month 2nd through 10th period apprentices. Tuition is paid entirely by the Plumbers & Pipefitters Local Union 467. Books and materials are the responsibility of apprentices.



WAGES AND BENEFITS

Starting wages are 40% of journey-level wages with graduating percentage increases in wages and benefits.

STUDY GUIDE FOR THE ENTRANCE EXAM

Mathematics Made Simple Sixth Edition by Thomas Cusick can be purchased from the training office, a bookstore, or borrowed from a public library.

In Mathematics Made Simple Sixth Edition, study pages 8-87, and pages 88 and 89 for square roots.

- The exam requires 9th grade math proficiency including addition, subtraction, multiplication, division, fractions, decimals, percentages, and some basic algebra.
- The exam includes 100 multiple choice questions, 30 of which are common sense/mechanical illustrations. As an example, a picture of two ladders may be illustrated and the question may ask which is the safest ladder to climb on?
- Possession and use of calculators, cell phones, or electronic devices are strictly prohibited during the exam.
- Two hours and thirty minutes are available to complete the exam.
- Exam scores, along with the next step in the application process, will be mailed.

Plumbing Apprenticeship

What do plumbers do? Plumbers install, maintain, and repair various types of piping systems and fixtures. The exact responsibilities of a plumber depend on the particular project type. Plumbers work with the various tools and materials to install, remove, maintain, extend, and alter plumbing systems. Plumbing systems include sanitary drainage, storm drainage, special wastes, vent systems, public or private water systems and gas piping within or adjacent to buildings. Plumbers layout and design piping systems, follow blueprints, and must know what types of tools and materials are required for each job. Plumbers cut, thread, solder, weld, and glue pipe and fittings together. Once a piping system is installed, plumbers install fixtures, such as bathtubs, showers, toilets, water heaters, and dishwashers.

Pipefitting Apprenticeship

What do pipefitters do? A pipefitter, also known as a steamfitter, organizes, assembles, creates, and maintains mechanical piping systems that must withstand high pressure. These piping systems are often industrial, including heating and cooling systems, and include steam, ventilation, hydraulics, chemicals, and fuel. Pipefitters install piping of all sizes and in a variety of materials including carbon steel, copper, cast iron, plastic, fiberglass, stainless steel, and other special alloys and types.

Heating, Air Conditioning, and Refrigeration Apprenticeship

What do heating, air conditioning, and refrigeration mechanics do? Heating, air conditioning, and refrigeration mechanics and installers—often called HVACR technicians—work on heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings.



Heating and air conditioning systems control the temperature, humidity, and overall air quality in homes, businesses, and other buildings. By providing a climate-controlled environment, refrigeration systems make it possible to preserve food, medicine, and other perishable items.

Some HVACR technicians specialize in one or more specific aspects of HVACR, such as installation, including start, test, and balance, service, maintenance, and repair of residential, commercial, or industrial equipment and systems.

Many HVACR technicians sell service contracts to their clients, providing periodic maintenance of heating, cooling, and refrigeration systems. Services often include inspecting, cleaning, replacing belts and filters, and checking refrigerant levels.

DURATION OF THE APPRENTICESHIP

A minimum of five (5) years, 8,000 hours of on-the-job training, and 1,080 hours of classroom instruction.

BENEFITS

Local 467 members are afforded industry-leading training, job placement, retirement, and family health benefits including medical, dental, vision, and prescription drug coverage. Benefits are jointly managed and administered by a board of trustees consisting of equal members of Local 467 (labor) and employers (management).

QUALIFICATIONS / REQUIREMENTS

- Must be physically able to safely perform the work of the trade which includes long periods of crawling, climbing, and heavy lifting.
- Must read, write, and speak English in order to comprehend instructions on the job and in apprenticeship classes and to ensure personal and co-worker safety on the job.
- Must attend trade related spring and fall semester evening training classes after work.

DESIRED QUALITIES

- Good health.
- Strong work ethic.
- Familiarity with hand tools.
- Strong mechanical aptitude.
- Familiarity with safe practices.
- Common sense and good judgement.
- Good communication and customer service skills.
- Ability to work productively, individually and in groups.
- Interest in and knowledge of construction and mechanical systems.

