

OPERATING ENGINEER CERTIFICATE OF QUALIFICATION REQUIREMENTS

CITY OF KANSAS CITY, MISSOURI
CITY PLANNING & DEVELOPMENT
DEVELOPMENT SERVICES
414 EAST 12TH STREET, 5TH FLOOR
KANSAS CITY, MISSOURI 64106
(816) 513-1500 X 6

A. CERTIFICATE OF QUALIFICATION DEFINED

A certificate of qualification is authority granted an individual to perform certain skilled tradeswork and is not transferable (Section 18-336, Code of Ordinances).

B. OPERATING ENGINEER CERTIFICATE

An operating engineer certificate shall entitle the holder to take charge of and to operate and maintain all steam-generating boilers, steam engines, internal-combustion engines, turbines, condensers, compressors, generators, motors, blowers, fuel-burning equipment, refrigeration systems, and all auxiliary apparatus, together with any necessary maintenance of piping used in connection therewith (Section 18-339, Code of Ordinances). The certificate is required for operating the following:

- (1) Steam-generating boilers carrying 125 or more pounds of pressure.
- (2) Boilers carrying 100 or more pounds of pressure when used for driving machinery.
- (3) Any system containing a Group 3 refrigerant.
- (4) Any system with a capacity greater than 10 tons containing a Group 2 refrigerant.

C. REQUIREMENTS FOR THE CERTIFICATE

A certificate application must include a completed application form, the required reference letters described below, a \$47.00 nonrefundable application fee, and either proof of passage of an acceptable substitute exam or a request for exam registration forms for examinations to be given for the City of Kansas City, Missouri, by the International Code Council (ICC). Checks are to be made payable to City Treasurer/CPD-DS and are to be submitted, along with the application and required supporting documentation, to the address shown above.

The applicant must meet these requirements:

- (1) The applicant shall provide at least two notarized reference letters completed and signed by official representatives of his/her past or present employer in the stationary engineering trade and verifying that the applicant has at least three years of experience in the stationary engineering field. A degree in mechanical engineering from a school accredited by the State of Missouri shall be equivalent to one year of experience. The reference letters (provided by CPD-DS as part of the standard information packet) must be filled out in their entirety, and all critical areas of experience must be verified therein.

NOTE: References shall come only from the applicant's past or present supervisors or employers in the stationary engineering trade (i.e., bona fide managerial staff, company owners, corporate officers, partners, or principals). References shall **not** be accepted from these sources: material suppliers, the applicant's own past or present employees, individuals who have served under the applicant's direction, the applicant's past or present subcontractors, inspections staff from any jurisdiction, insurance representatives, bank representatives, or other sources not having direct personal knowledge and oversight of the applicant's tradeswork. One of the applicant's required reference letters may come from a relative, but only where that party is the individual's employer or direct supervisor and is actually a bona fide practitioner of the trade in which the applicant is seeking certification.

EXCEPTION: As an alternative to providing the required reference letters, the applicant may submit verifiable proof of certification in the same classification from another jurisdiction where the requirements are the same as or better than the City of Kansas City, Missouri. Such certification shall be verified with the jurisdiction issuing that certification; shall be current at the time of application with the City of Kansas City, Missouri; and shall be shown by that jurisdiction to have been issued based on equivalent or higher standards to those in place for that same classification in Kansas City, Missouri.

- (2) The applicant shall be at least 21 years of age.

- (3) The applicant shall be a senior high school graduate or shall have passed the General Educational Development Test. One additional year of experience may be substituted for each year of high school accreditation lacking.
- (4) The applicant shall receive a score of 70% or higher on the Denver, Colorado, refrigeration operator examination **and** either the Denver, Colorado, stationary engineer or the Denver, Colorado, steam and hot water supervisor examination, all administered by ICC for the City of Kansas City, Missouri.

EXCEPTION: The Kansas City, Missouri, examination may be waived if the applicant has earned a passing score of 70% or higher on a standard Experior Assessments, LLC or ICC examination or other department-approved national testing agency examination **comparable in content** to the examinations currently given for the City of Kansas City, Missouri. **The applicant must provide verifiable documentation of the examination which is acceptable to the Building Official.** Please note that, if 70% is not considered a passing score on the particular version of the exam the applicant has taken, it shall not be considered a passing score for the purposes of certification by the City of Kansas City, Missouri.

D. APPLICATION REVIEW

The application will be reviewed for compliance with the work experience, education, and age requirements outlined on the preceding page; and applicants will be notified of any deficiencies. **All references may be contacted by CPD-DS for verification of work experience; and all certification requirements must be deemed satisfied before a certificate can be issued.**

E. EXAMINATION SCHEDULING

Either before or after submitting his/her application to Codes Administration, the applicant will need to either register for testing over the internet or contact ICC by telephone for examination registration forms. The information booklet included in the original mailing contains information concerning examination fees, content, format, references, dates, locations, deadlines, etc. Additional copies, as well as online registration forms, can be obtained from ICC at www.iccsafe.org/contractor/ or by telephone at 1-877-STD-EXAM. Only one test of each type can be taken per one-month period. The testing agency shall send the applicant a confirmation letter concerning the date, time, location, and types of examination for which he/she has been scheduled.

Please note that the testing agency operates on a first-come, first-served basis and is limited as to the number of examinees it can accommodate at its various sites on any given day. Furthermore, the registration forms and payment must reach the testing agency no later than the published application deadline to be considered for a particular test date. Therefore, it is to the applicant's advantage to turn in his/her examination registration forms and proper payment to the testing agency as early as possible. Examination fees are neither refundable nor transferable.

F. EXAM SCORE REPORTING

The testing agency shall mail the applicant written confirmation of his/her score and pass/fail status on each attempt at each examination. The scores are not valid until such time as the City of Kansas City, Missouri, receives official confirmation from the testing agency. Applicants shall be responsible for advising the City of their status after they have passed the required examinations so the City can seek confirmation from ICC, update their files, and make a determination.

Please note that both examinations must be taken and passed and the passing scores reported to the City of Kansas City, Missouri, by the testing agency within one year of the application processing date; otherwise, the application becomes null and void, and the individual must reapply for further consideration.

Please also note that an individual may attain a passing exam score and still be denied certification for failure to meet the other minimum qualifications.

OPERATING ENGINEER REFERENCE LETTER

(MUST BE COMPLETED AND SIGNED BY REFERENCE AND NOTARIZED DIRECTLY ON THE FORM BY A NOTARY PUBLIC)

I, _____, _____,
(REFERENCE'S NAME) (REFERENCE'S JOB TITLE)

represent _____,
(REFERENCE'S COMPANY)

a company that maintains a staff of stationary engineers. I hereby attest that _____,
(APPLICANT'S NAME)

who is applying for an operating engineer certificate of qualification through the City of Kansas City, Missouri, has (check one):

- More than three years of full-time, practical, hands-on experience in all aspects of the stationary engineering trade, or
- More than two years of full-time, practical, hands-on experience in all aspects of the stationary engineering trade and a degree in mechanical engineering from a college of engineering accredited by the State of Missouri.

I further attest that such experience includes all of these areas, as described in section 18-327 of the Kansas City, Missouri, Building and Rehabilitation Code:

An operating engineer certificate shall entitle the holder to take charge of and to operate and maintain all steam-generating boilers, steam engines, internal-combustion engines, turbines, condensers, compressors, generators, motors, blowers, fuel-burning equipment, and refrigeration systems and all auxiliary apparatus, together with any necessary maintenance of piping used in connection therewith. The certificate is required for operating the following:

- a. Steam-generating boilers carrying 125 or more pounds of pressure.
- b. Boilers carrying 100 or more pounds of pressure when used for driving machinery.
- c. Any system containing a Group 3 refrigerant.
- d. Any system with a capacity greater than ten tons containing a Group 2 refrigerant.

I affirm that all of the applicant's stationary engineering trades experience has been legally gained under the direct supervision of appropriately certified stationary engineers or a Missouri-registered professional engineer.

I also affirm that I have personally overseen this individual performing stationary engineering tradeswork during that period of time and that he/she is competent at the trade. My relationship to the applicant is:

- Employer/employee
- Supervisor/employee
- Contractor/subcontractor
- Competitor
- Apprenticeship training coordinator or other official representing _____ union or trades association
- Other: _____

I am not a past or present employee of the applicant, nor have I ever worked under the applicant's direction.

I certify that all the statements contained herein are true; and I hereby authorize verification of the information given in this reference letter. My daytime telephone number is: _____. I understand that misstatement of any pertinent facts may be grounds for disqualifying the applicant and/or for charges of making a false statement on an official document.

(REFERENCE'S SIGNATURE) (DATE)

I HEREBY CERTIFY THAT THE SIGNATORY ABOVE APPEARED BEFORE ME, A NOTARY PUBLIC, ON THIS DATE.

NOTARY PUBLIC'S SIGNATURE: _____ DATE: _____

NOTARY PUBLIC'S STAMP AND SEAL: