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OHIO LEGISLATIVE SERVICE COMMISSION

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Office of Research
and Drafting

Legislative Budget
Office

R-133-2388

To: Lauren Reid, Policy Advisor
House Majority Caucus

From: Nick Thomas, Research Associate *NT*
Joe McDaniels, Division Chief/Attorney *Jm*

Date: October 28, 2019

Subject: OCILB licenses

You recently requested a state-by-state comparison of licensure requirements in Ohio, Illinois, Indiana, Kentucky, and Pennsylvania for the five occupations licensed by the Ohio Construction Industry Licensing Board (OCILB) within the Department of Commerce. Specifically, you asked for an indication of whether a license is required and, if so, a description of the associated: (1) education and training requirements, (2) experience requirements, (3) exam requirements, (4) continuing education requirements, (5) initial licensure fees, (6) duration, and (7) renewal fees. The information you requested is summarized in the tables that follow.

Table 1. Plumbing Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Ohio ¹	Yes	Yes, education or training may be substituted in lieu of experience	5 years, 3 years if a registered engineer, or other acceptable experience	Yes	10 hours	\$25 fee for application; \$25 fee for issuance of license	1 year	\$60 fee, but eligible for 3-year renewal fee of \$180
Illinois ²	Yes	2 years of high school	4 years as licensed apprentice or an approved course in plumbing	Yes (\$175 fee, \$225 fee when applicant is licensed in another state)	4 hours	\$150 fee	1 year	\$150 fee
Indiana ³	Yes	Apprenticeship program of 4 years in lieu of experience	4 years	Yes (\$50 fee)	No	\$50 fee for 1 year or \$100 fee for 2 years	2 years	\$100 fee

¹ R.C. 4740.04, 4740.05, 4740.06, and 4740.13 and Ohio Administrative Code 4101:16-2-01, 4101:16-2-03, 4101:16-2-08, and 4101:16-2-09.

² 225 ILCS 320/3, 225 ILCS 320/10, and 225 ILCS 320/14 and 68 Ill. Adm. Code 750.500 and 68 Ill. Adm. Code 750.1100.

³ Burns Ind. Code Ann 25-28.5-1-11, 25-28.5-1-12, and 25-28.5-1-22 and 860 IAC 1-1-2.1.

Table 1. Plumbing Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Kentucky ⁴	Yes	Education may be substituted in lieu of experience	<p>Master plumber: licensed mechanical engineer with sufficient experience or journeyman's license plus 2 years' experience</p> <p>Journeyman plumber: 2 years' experience as an apprentice plumber, although approved education may substitute for 1 year of experience</p>	<p>Yes, Master Plumber: \$150 fee</p> <p>Journeyman Plumber: \$50 fee</p>	8 hours	<p>Master plumber: \$250 fee</p> <p>Journeyman plumber: \$60 fee</p>	1 year	<p>Master plumber: \$250 fee</p> <p>Journeyman plumber: \$60 fee</p>

⁴ KRS 318.030, 318.040, and 318.054 and 815 KAR 20:030 and 20:032.

Table 1. Plumbing Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Pennsylvania ⁵	Licenses required in some areas by state but the license is issued by local government, not the state Journeyman have to register each year	Requirements vary according to the local jurisdiction	4 years for journeymen to become master plumbers	Yes, Journeyman exam (\$5 fee) Master plumber exam (\$25 fee)	Not on the state level Actual requirements vary according to the local jurisdiction	Journeyman registration (\$0.50 fee)	License is permanent, but plumbers have to reregister each year	\$3 fee

⁵ 53 P.S. 15321, 15324, 15325, and 15331. The Pennsylvania statutory data should be viewed skeptically, as licensing appears to be done locally. DLI, *Contractor Licensing*, <https://www.dli.pa.gov/ucc/Pages/Contractor-Licensing.aspx> (accessed October 24, 2019) and ePlumbing Courses, *Pennsylvania Plumbing License Requirements – Overview*, <http://www.eplumbingcourses.com/plumbing-license/pennsylvania-plumbing-license/> (accessed October 24, 2019).

Table 2. Hydronics ⁶ Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Ohio ⁷	Yes	Yes, education or training may be substituted in lieu of experience	5 years, 3 years if a registered engineer, or other acceptable experience	Yes	10 hours	\$25 fee for application; \$25 fee for issuance of license	1 year	\$60 fee, but eligible for 3-year renewal fee of \$180
Illinois ⁸	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indiana ⁹	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kentucky ¹⁰	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pennsylvania ¹¹	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁶ “Hydronics” is a system of heating or cooling that involves transfer of heat by a circulating fluid in a closed system of pipes. Merriam-Webster, *hydronic*, <https://www.merriam-webster.com/dictionary/hydronic> (accessed October 24, 2019). It is possible that, while not explicitly stated, a plumber’s license would be required to engage in hydronics in Illinois, Indiana, Kentucky, or Pennsylvania.

⁷ R.C. 4740.04, 4740.05, 4740.06, and 4740.13 and Ohio Administrative Code 4101:16-2-01, 4101:16-2-03, 4101:16-2-08, and 4101:16-2-09.

⁸ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 18, 2019).

⁹ *Id.*

¹⁰ *Id.*

¹¹ *Id.*

Table 3. Electrical Contractor License

State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Ohio ¹²	Yes	Yes, education or training may be substituted in lieu of experience	5 years, 3 years if a registered engineer, or other acceptable experience	Yes	10 hours	\$25 fee for application; \$25 fee for issuance of license	1 year	\$60 fee, but eligible for 3-year renewal fee of \$180
Illinois ¹³	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indiana ¹⁴	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kentucky ¹⁵	Yes	No (but must be affiliated with a master electrician)	No (but must be affiliated with a master electrician)	Yes	6 hours	\$200 fee	1 year	\$200 fee
Pennsylvania ¹⁶	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹² R.C. 4740.04, 4740.05, 4740.06, and 4740.13 and Ohio Administrative Code 4101:16-2-01, 4101:16-2-03, 4101:16-2-08, and 4101:16-2-09.

¹³ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 18, 2019).

¹⁴ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 19, 2019).

¹⁵ KRS 227A.020, 227A.060, and 227A.100 and 815 KAR 35:060.

¹⁶ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 19, 2019).

Table 4. HVAC Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Ohio ¹⁷	Yes	Yes, education or training may be substituted in lieu of experience	5 years, 3 years if a registered engineer, or other acceptable experience	Yes	10 hours	\$25 fee for application; \$25 fee for issuance of license	1 year	\$60 fee, but eligible for 3-year renewal fee of \$180
Illinois ¹⁸	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indiana ¹⁹	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kentucky ²⁰	Yes	Education may be substituted in lieu of experience	2 years, but other acceptable work experience or education may be substituted	Yes (\$160 fee)	8 hours	\$250 fee	1 year	\$250 fee
Pennsylvania ²¹	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹⁷ R.C. 4740.04, 4740.05, 4740.06, and 4740.13 and Ohio Administrative Code 4101:16-2-01, 4101:16-2-03, 4101:16-2-08, and 4101:16-2-09.

¹⁸ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 18, 2019).

¹⁹ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 19, 2019).

²⁰ KRS 198B.656, 198B.568, 198B.659, 198B.660, and 198B.664 and 815 KAR 8:010.

²¹ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 19, 2019).

Table 5. Refrigeration ²² Contractor License								
State	License required?	Education or training	Experience	Exam	Continuing education	Initial licensure fee	License duration	Renewal fee
Ohio ²³	Yes	Yes, education or training may be substituted in lieu of experience	5 years, 3 years if a registered engineer, or other acceptable experience	Yes	10 hours	\$25 fee for application; \$25 fee for issuance of license	1 year	\$60, but eligible for 3-year renewal fee of \$180
Illinois ²⁴	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indiana ²⁵	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kentucky ²⁶	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pennsylvania ²⁷	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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²² Because refrigeration appears to use the same technology as air conditioning, it is possible that, while not explicitly stated, an HVAC license would be required to engage in refrigeration contracting in Kentucky.

²³ R.C. 4740.04, 4740.05, 4740.06, and 4740.13 and Ohio Administrative Code 4101:16-2-01, 4101:16-2-03, 4101:16-2-08, and 4101:16-2-09.

²⁴ NCSL, *The National Occupational Licensing Database*, <http://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx> (accessed October 18, 2019).

²⁵ *Id.*

²⁶ *Id.*

²⁷ *Id.*