

HVAC Excellence

July 15, 2016



<p>Certifying Organization</p>	<p>ESCO Institute http://escoinst.com HVAC Excellence http://www.hvacexcellence.org/</p>					
<p>Description of Credentials</p>	<p>EPA Universal Certification</p>	<p>EPA Universal Certification is obtained when an individual passes the certification exam which consists of Core, Type I (Small Appliances), Type II (Residential), and Type III (Commercial) Certifications. Certification can be achieved by passing Core plus a Type depending on the school requirements. The entire assessment is 100 questions. To become certified, technicians must pass a test demonstrating proper handling of ozone depleting refrigerants and knowledge of EPA refrigerant regulations.</p>				
	<p>Electrical</p>	<p>The Electrical Employment Ready Certification exam is a 100 question exam covering components, meter usage, safety, theory, troubleshooting, fundamentals of motors and capacitors, interpreting electrical diagrams.</p>				
	<p>Electrical Heat</p>	<p>The Electric Heat Employment Ready Certification Exam is a 100 question exam covering systems & components, safety, theory & application, troubleshooting.</p>				
	<p>Air Conditioning</p>	<p>The Air Conditioning Employment Ready Certification Exam is a 100 question exam covering air conditioning and refrigeration theory, equipment service, systems and components, troubleshooting, refrigerant flow control theory and application.</p>				
<p>Part of which Graduation Pathways ¹</p>	<p><u>Statewide:</u> HVAC Tech <u>Integrated:</u> Manufacturing, Construction Crafts and Logistics</p>					
<p>Associated with Which Careers?</p>	<p><u>5 Star:</u> HVAC Mechanics and Installers, Cost Estimators, First Line Supervisors of Mechanics, Installers, and Repairers, HVAC Sales Representatives, Supervisors of Construction and Extraction Workers <u>4 Star:</u> Maintenance and repair Workers, Sales Engineers, Sheet Metal Workers</p>					
<p>Entry-Level Annual Salaries</p>	<p>\$26,950 - \$41,600</p>					
<p>Industry-Based Certification Requirements: Students</p>						
<p>Standard / Curriculum</p>	<p>There is no curriculum required to be used by certifying agency. ESCO offers a Preparatory Manual for EPA Section 608 Universal Exam. Practice questions also available online. ESCO also offers textbook options as supplements to other resources used in class. For more information, click here.</p>					
<p>Testing Methodology</p>	<p>Paper?</p>	<p>Yes</p>	<p>Online?</p>	<p>Yes</p>	<p>Performance Exams / Tests?</p>	<p>No</p>
<p>Re-Testing (if available)</p>	<p>Re-Testing Procedures</p>	<p>If taken online, EPA 608 has 4 free retest per student with a limit of 2 exams per person per day. Retesting can take place immediately, but it is highly recommended that a review take place between attempts.</p>			<p>Max Attempts</p>	<p>No max number of attempts</p>
<p>Testing Details (including any age requirements / accommodations)</p>	<p>Each time a test/re-test is administered, a testing fee must be paid (with the exception of the free 608 retests.). Test administrator must be an approved ESCO Test Administrator. Once an approved Test Administrator is designated, information on test costs is made available (application is free).</p>					

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Industry-Based Certification Requirements: Teachers					
<i>Bulletin 746, Chapter 5: All Louisiana teachers providing instruction in a course that leads to an IBC must hold the certification that they're teaching students to attain.</i>					
Instructor Certification Requirements (by certifying agency)	Instructor must be an approved Test Administrator to give certification exams to students.				
Proctoring / Test Security (if any)	Assessments must be administered by an approved ESCO Test Administrator.				
Certification Tracking					
Credentialing Documentation	EPA Universal Certification/Employment Ready Certification in Electrical, Electrical Heat, Air Conditioning				
Certification Tracking System	Online Tracking System?	Yes	Details	Instructor can compare overall school performance to other schools and see generalized deficiencies in his own program.	
Other Details	Expiration Timeframe?	Student can look up/verify certifications using first name, last name, and SSN.			
Certification Costs / Funding Sources					
Cost Details	EPA Section 608 exam is \$25 if taken online. EPA Section 608 paper exam is \$35 each time administered. Electrical, Electrical Heat and Air Conditioning exams are \$15 each administer online. These exams have no free retest. If these exams are paper administered, the cost is \$20 per attempt.				
Re-test / Refund Policies	Each time a test is administered, a test fee must be paid.				
Funding Sources ²	CDF?	Yes	Perkins?	Yes	Alternative Source (other than General Funds)
For More Information					
Certifying Agency Contact Info	ESCO Institute: (847) 253-2220 Tracy Kanelos: tracy@escogroup.org				
LDE Contacts	BJ Bertucci bryan.bertucci@la.gov		Martha Moore Martha.moore@la.gov		
Jump Start Regional Team Experts	TBD				

1 – This table may not include all the graduation pathways this credential appears in. Please check the [graduation pathway](#) you are working with if you have a question as to whether or not this credential is part of that pathway.

2 – CDF = [Career Development Fund](#)