

# NCCER Industrial Maintenance Mechanic COMBINED

March 8, 2019



Certifying Organization	National Center for Construction Education and Research (NCCER) <a href="http://www.nccer.org/">http://www.nccer.org/</a>		
Description of Credentials	NCCER credentials provide students with immediate credibility among hiring executives in construction, manufacturing, maritime and all related industry sectors, giving certified students an advantage in attaining entry-level employment.		
	<table border="1"> <tr> <td data-bbox="380 405 488 611">Helper <b>IBC#: 210</b></td> <td data-bbox="488 405 1453 611">Certification in NCCER Industrial Maintenance Mechanic Helper demonstrates the student has demonstrated some of the skills in Orientation to the Trade, Tools of the Trade, Fasteners and Anchors, Oxyfuel Cutting, Gaskets and Packing, Craft-Related Mechanics, Construction Drawings, Pumps and Drivers, Valves, Introduction to Test Instruments, Material Handling and Rigging, Mobile and Equipment Support, and Lubrication</td> </tr> </table>	Helper <b>IBC#: 210</b>	Certification in NCCER Industrial Maintenance Mechanic Helper demonstrates the student has demonstrated some of the skills in Orientation to the Trade, Tools of the Trade, Fasteners and Anchors, Oxyfuel Cutting, Gaskets and Packing, Craft-Related Mechanics, Construction Drawings, Pumps and Drivers, Valves, Introduction to Test Instruments, Material Handling and Rigging, Mobile and Equipment Support, and Lubrication
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	Level 1 <b>IBC#: 033</b>	Certification in NCCER Industrial Maintenance Mechanic Level 1 demonstrates the student has demonstrated skills in Orientation to the Trade, Tools of the Trade, Fasteners and Anchors, Oxyfuel Cutting, Gaskets and Packing, Craft-Related Mechanics, Construction Drawings, Pumps and Drivers, Valves, Introduction to Test Instruments, Material Handling and Rigging, Mobile and Equipment Support, and Lubrication	
	Level 2 <b>IBC#: 211</b>	Certification in NCCER Industrial Maintenance Mechanic Level 2 demonstrates the student has demonstrated skills in Basic Layout, Introduction to Pipe Components, Ferrous Metal Piping Practices, Identify, Install, and Maintain Valves, Hydrostatic and Pneumatic Testing, High Pressure Steam Systems and Auxiliaries, and more	
	Level 3 <b>IBC#: 212</b>	Certification in NCCER Industrial Maintenance Mechanic Level 3 demonstrates the student has demonstrated Advanced Trade Math, Precision Measuring Tools, Installing Bearings and Couplings, Conventional Alignment, and more.	
Level 4 <b>IBC#: 213</b>	Certification in NCCER Industrial Maintenance Mechanic Level 4 demonstrates the student has demonstrated skills in Preventive and Predictive Maintenance, Advanced Blueprint Reading, Compressors and Pneumatic Systems, Reverse and Laser Alignment, Introduction to Supervisory Skills Troubleshooting and Repairing Pumps and Gearboxes.		
Part of which Graduation Pathways <sup>1</sup>	<u>Statewide:</u> Industrial Maintenance Mechanic <u>Regional:</u> Industrial Maintenance Mechanic's Helper		
<a href="#">Associated with Which Careers?</a>	<u>5 Star:</u> Service Unit Operator, Heating, Air Conditioning & Refrigeration Mechanic & Installer, Cost Estimator, Inspector, Mechanical Engineer; Welder <u>4 Star:</u> Derrick Operator, Rotary Drill Operator, Roustabouts; Bus & Truck Mechanic, Diesel Engine Specialist, Farm Equipment Mechanic and Service Technician, AgriScience Teacher: <u>3 Star:</u> Agriculture Inspector, Engine & Other Machine Assembler: <u>2 Star:</u> Construction Laborer, Farmworker, Outdoor Power Equipment Mechanic, Meat Poultry & Fish Cutter		
Entry-Level Annual Salaries	\$20,040 - \$27,010		

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Industry-Based Certification Requirements: Students						
Standard / Curriculum	NCCER Core is a prerequisite for completion of all NCCER credentials (and all Helper pathways). Classes may be taught concurrently, but Level 1 or above credentials cannot be attained until NCCER Core has been successfully completed. <a href="#">NCCER Industrial Maintenance Mechanic Curricula</a> Following completion of Level 1, higher levels may be attempted in sequential order.					
Testing Methodology	Paper?	Yes	Online?	Yes	Performance Exams / Tests?	Yes
Re-Testing (if available)	Re-Testing Procedures	Students may retest after 48 hours. During the 48 hour span, students may not be exposed to the assessments or any questions.			Max Attempts	No maximum number of attempts
Testing Details (including any age requirements / accommodations)	NCCER does not have any age restrictions for their credentials. NCCER assessments must be supervised by a certified NCCER Craft Instructor or Proctor at a certified NCCER Training Facility. Before any assessment is given to the student, instructor must have an NCCER Registration and Release Form on file for the student with parent/guardian signature. Students must pass written exam with a score of 70% or better. Performance verifications are pass/fail and must be signed off by the certified Craft Instructor. Testing accommodations, specifically tests read aloud, are only available for designated students. NCCER has given permission for school personnel to administer the assessment in a one-on-one setting provided the NCCER Craft Instructor ensures test security and documentation of IEP is kept on file.					
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 a certified NCCER Industrial Maintenance Mechanic Craft Instructor with current certification at the level he / she is teaching. The state must have a <a href="#">Form 702A</a> and documentation of skill on file at LDOE for instructors to certify students in NCCER Industrial Maintenance Mechanic. To maintain NCCER Instructor certification, instructor must have Registration of Training Modules approved by NCCER before ICTP expiration (certification will be extended 3 years from completion date on Registration of Training Modules).					
Proctoring / Test Security (if any)	Only Master Trainers and NCCER Certified Instructors will have access to the tests. Tests will be administered by the instructor or Curriculum (ICTP) Proctor.					
Certification Tracking						
Credentialing Documentation	All scored module tests (both written and performance) will be kept in a secure physical or electronic location for at least three years. Results are submitted through the <a href="#">NCCER Registry</a> . Students, upon completion of NCCER Core and all NCCER Industrial Maintenance Mechanic modules, will receive a certificate and/or NCCER Card (this card is provided one time upon completion of first NCCER certification). <a href="#">Sample NCCER Credential</a> <a href="#">Sample NCCER Wallet Card</a>					
Certification Tracking System	Online Tracking System?	Yes	Details	N/A		
Other Details	Expiration Timeframe?	NCCER Industrial Maintenance Mechanic credentials do not expire.				

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Certification Costs / Funding Sources						
Cost Details	There is a one-time \$50 site application fee paid at initial site accreditation. No other certification costs are required by NCCER. It is the responsibility of certifying agency (school/district) to provide access to consumables and machinery needed to certify students. <a href="#">NCCER Industrial Maintenance Mechanic Trainee Guides</a> : Level 1 Paperback \$67, Level 2 Paperback \$97, Level 3 Paperback \$97, Level 4 Paperback \$97					
Re-test / Refund Policies	There are no costs associated with paper test or retest. There is a minimal fee for online assessments.					
Funding Sources <sup>2</sup>	CDF?	Yes	Perkins?	Yes	Alternative Source (other than General Funds)	
For More Information						
Certifying Agency Contact Info	NCCER (888) 622-3720 <a href="#">Pearson</a> (textbooks)- Bill Underwood (800) 720-3870 <a href="mailto:william.underwood@pearson.com">william.underwood@pearson.com</a>					
LDOE Contact	<a href="mailto:JumpStart@la.gov">JumpStart@la.gov</a>					

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. Always check with certifying agency for latest updates.

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