

## PAVEMENTS AND CONSTRUCTION EQUIPMENT (3E2X1)

### Industry Recognized Certifications

Members can earn professional certifications, licenses to enhance their work, and prepare them in the civilian job market.

|   |   |  |
|---|---|--|
| Advanced Concrete Flatwork Finisher                 | Construction Health and Safety Technician (CHST)          | Mobile Crane Operator - Lattice Boom Truck Crane (LBT)         |
| Aggregate Testing Technician - Level 1              | Construction Materials Testing: Asphalt - Level I         | Mobile Crane Operator - Telescopic Boom Crane Fixed Cab (TSS)  |
| Aggregate Testing Technician - Level 2              | Construction Materials Testing: Asphalt - Level II        | Mobile Crane Operator - Telescopic Boom Cranes Swing Cab (TLL) |
| Aggregate/Soils Base Testing Technician             | Construction Materials Testing: Asphalt - Level III       | Overhead Crane Operator  |
| Associate Safety Professional (ASP)                 | Construction Materials Testing: Asphalt - Level IV        | Project Management Professional (PMP)                          |
| Certified Associate Constructor (CAC)               | Construction Materials Testing: Concrete - Level I        | Rigger Level I   |
| Certified Associate in Project Management (CAPM)    | Construction Materials Testing: Concrete - Level II       | Service Truck Crane Operator                                   |
| Certified Construction Manager (CCM)                | Construction Materials Testing: Concrete - Level III      | Shotcrete Nozzleman (Dry-Mix Process)                          |
| Certified Construction Specifier (CCS)              | Construction Materials Testing: Concrete - Level IV       | Shotcrete Nozzleman (Wet-Mix Process)                          |
| Certified Equipment Support Professional (CESP)     | Construction Materials Testing: Soil - Level I            | Signalperson   |
| Certified Professional Constructor (CPC)            | Construction Materials Testing: Soil - Level II           | Tower Crane Operator   |
| Certified Safety Professional (CSP)                 | Construction Materials Testing: Soil - Level III          | Transportation: Highway Construction Inspection - Level I      |
| Certified Signal Person and Rigger Level 1 (CSPR-1) | Construction Materials Testing: Soil - Level IV           | Transportation: Highway Construction Inspection - Level II     |
| Certified Signal Person and Rigger Level 2 (CSPR-2) | Industrial/All Purpose Crane                              | Transportation: Highway Construction Inspection - Level III    |
| Commercial Driver's License (CDL)                   | Lift Director-Mobile Cranes (MLD)                         | Transportation: Highway Construction Inspection - Level IV     |
| Concrete Construction Special Inspector             | Lift Director-Tower Cranes (TLD)                          |  |
| Concrete Field Testing Technician - Grade I         | Masonry Field Testing Technician (MFTT)                   |  |
| Concrete Laboratory Testing Technician - Level 2    | Masonry Laboratory Testing Technician (MLTT)              |  |
| Concrete Strength Testing Technician                | Mobile Crane Operator - Lattice Boom Crawler Cranes (LBC) |  |
| Concrete Transportation Construction Inspector      |   |  |

## Vehicular Equipment & Maintenance (2T3X1)

### Industry Recognized Certifications

Members can earn professional certifications, licenses to enhance their work, and prepare them in the civilian job market.

Air Conditioning Installation

Airport Rescue and Fire-Fighting (ARFF) Technician Level I-3

Ambulance Technician Level I-3

Automobile Service Consultant (C1)

Automobile/Light Truck - Automatic Transmission/Transaxle (A2)

Automobile/Light Truck - Brakes (A5)

Automobile/Light Truck - Electrical/Electronic Systems (A6)

Automobile/Light Truck - Engine Performance (A8)

Automobile/Light Truck - Engine Repair (A1)

Automobile/Light Truck - Heating and Air Conditioning (A7)

Automobile/Light Truck - Light Vehicle Diesel Engines (A9)

Automobile/Light Truck - Manual Drive Train and Axles (A3)

Automobile/Light Truck - Suspension and Steering (A4)

Certified Associate in Project Management (CAPM)

Certified Associate Welding Inspector (CAWI)

Certified Logistics Associate (CLA)

Certified Logistics Technician 4.0 (CLT 4.0)

Certified Maintenance and Reliability Professionals (CMRP)

Certified Maintenance and Reliability Technician (CMRT)

Certified Public Fleet Professional (CPFP)

Certified Safety Professional (CSP)

Certified Welding Educator (CWE)

Certified Welding Inspector (CWI)

Certified Welding Supervisor (CWS)

Collision Repair and Refinish - Mechanical and Electrical Components (B5)

Collision Repair and Refinish - Non-structural Analysis and Damage Repair (B3)

Collision Repair and Refinish - Painting and Refinishing (B2)

Collision Repair and Refinish - Structural Analysis and Damage Repair (B4)

Commercial Driver's License (CDL)

Compressed Natural Gas Fuel System Inspector (CNG-FSI)

Corrosion Technician

Damage Analysis and Estimating (B6)

Electric Vehicle Technician (EVT)

Electronic Diesel Engine Diagnosis Specialist (L2)

Fire Apparatus Technician Level I

Fire Apparatus Technician Level II

Fire Apparatus Technician Master Level III

Fundamentals of Engineering (FE) Exam - Mechanical

Fundamentals of Engineering (FE) Exam - Other Disciplines

Industrial Hydraulic Technician (IHT)

Law Enforcement Vehicle Installation Technician

Level I Machine Lubricant Analyst (MLA I)

Lift Director-Mobile Cranes (MLD)

Lift Director-Tower Cranes (TLD)

Light Duty Hybrid/Electric Vehicle Specialist Certification (L3)

**Management Level I Supervisor (M-1)**

**Management Level II Supervisor (M-2)**

**Medium/Heavy Truck - Brakes (T4)**

**Medium/Heavy Truck - Diesel Engines (T2)**

**Medium/Heavy Truck - Drive Train (T3)**

**Medium/Heavy Truck - Electrical/Electronic Systems (T6)**

**Medium/Heavy Truck - Gasoline Engines (T1)**

**Medium/Heavy Truck - Heating, Ventilation, and Air Conditioning (HVAC) Systems (T7)**

**Medium/Heavy Truck - Preventive Maintenance Inspection (PMI) (T8)**

**Medium/Heavy Truck - Suspension and Steering (T5)**

**Military Tactical Wheeled Vehicle (TWV) - Diesel Engines (MIL2)**

**Truck Equipment - Installation and Repair (E1)**

**Military Tactical Wheeled Vehicle (TWV) - Electrical/ Electronic Systems (MIL6)**

**Mobile Crane Operator - Lattice Boom Crawler Cranes (LBC)**

**Mobile Crane Operator - Lattice Boom Truck Crane (LBT)**

**Mobile Crane Operator - Telescopic Boom Crane Fixed Cab (TSS)**

**Mobile Crane Operator - Telescopic Boom Cranes Swing Cab (TLL)**

**Mobile Hydraulic Mechanic (MHM)**

**Mobile Hydraulic Technician (MHT)**

**Parts Specialist - Automobile Parts Specialist (P2)**

**Pneumatic Specialist (PS)**

**Pneumatic Technician (PT)**

**Principles and Practice of Engineering (PE) Exam - Mechanical: HVAC and Refrigeration**

**School Bus Endorsement (S)**

**School Bus Technician - Air Conditioning Systems and Controls (S7)**

**School Bus Technician - Body Systems and Special Equipment (S1)**

**School Bus Technician - Brakes (S4)**

**School Bus Technician - Diesel Engines (S2)**

**School Bus Technician - Drive Train (S3)**

**School Bus Technician - Electrical/Electronic Systems (S6)**

**School Bus Technician - Suspension and Steering (S5)**

**Truck Equipment - Auxiliary Power Systems Installation and Repair (E3)**

**Truck Equipment - Electrical/Electronic Systems Installation and Repair (E2)**

## Water & Fuel Systems Maintenance (3EX1)

### Industry Recognized Certifications

Members can earn professional certifications, licenses to enhance their work, and prepare them in the civilian job market.

|   |  |  |
|---|--|--|
| API 510 Pressure Vessel Inspector                   | Certified Irrigation Contractor (CIC)                      | Construction Health and Safety Technician (CHST)                           |
| API 570 Piping Inspector                            | Certified Irrigation Technician (CIT)                      | CP4 - Cathodic Protection Specialist                                       |
| API 577 Welding Inspection and Metallurgy           | Certified Landscape Irrigation Auditor (CLIA)              | CPC Residential and Commercial California Plumbing Inspector (CPI)         |
| API 653 Above Ground Storage Tank Inspector         | Certified Lubrication Specialist (CLS)                     | Fire Protection: Inspection and Testing of Water-Based Systems - Level I   |
| API 936 - Refractory Personnel (API 936)            | Certified Maintenance and Reliability Professionals (CMRP) | Fire Protection: Inspection and Testing of Water-Based Systems - Level II  |
| API TES Tank Entry Supervisor Certification Program | Certified Maintenance and Reliability Technician (CMRT)    | Fire Protection: Inspection and Testing of Water-Based Systems - Level III |
| Associate Safety Professional (ASP)                 | Certified Professional in Storm Water Quality (CPSWQ)      | Fire Protection: Special Hazards Suppression Systems - Level I             |
| Biological Industrial Waste Operator - Class I      | Certified Pump Installer (CPI)                             | Fire Protection: Special Hazards Suppression Systems - Level II            |
| Biological Industrial Waste Operator - Class II     | Certified Safety Professional (CSP)                        | Fire Protection: Special Hazards Suppression Systems - Level III           |
| Biological Industrial Waste Operator - Class III    | Certified Water Technologist (CWT)                         | Fire Protection: Special Hazards Suppression Systems - Level IV            |
| Biological Industrial Waste Operator - Class IV     | Certified Well Driller (CWD)                               | Fire Protection: Water Based Layout - Level I                              |
| Cathodic Protection 2 - Technician (CP2)            | Class A UST System Operator - AU                           |  |
| Certified Associate in Project Management (CAPM)    | Class B UST System Operator - BU                           |  |
| Certified in Plumbing Design (CPD)                  | Commercial Plumbing Inspector - P2                         |  |
| Certified Inspector (CI)                            |  |  |

Fire Protection: Water Based Layout - Level II  
Fire Protection: Water Based Layout - Level III  
Fire Protection: Water Based Layout - Level IV  
Fundamentals of Engineering (FE) Exam - Chemical  
Fundamentals of Engineering (FE) Exam - Environmental  
Fundamentals of Engineering (FE) Exam - Mechanical  
Fundamentals of Engineering (FE) Exam - Other Disciplines  
IAPMO - UMC Residential and Commercial Mechanical Inspector (MI)  
IAPMO - UPC Residential and Commercial Plumbing Plans Examiner (PPE)  
Industrial Hydraulic Technician (IHT)  
Journey Level Pipefitter/Steamfitter  
Journey Level Plumber  
Master Ground Water Contractor (MGWC)  
Medical Gas Inspector 6020  
Mobile Hydraulic Technician (MHT)  
Physical/Chemical Industrial Waste Operator - Class I  
Physical/Chemical Industrial Waste Operator - Class II

Physical/Chemical Industrial Waste Operator - Class III  
Physical/Chemical Industrial Waste Operator - Class IV  
Plant Maintenance Technologist Class I  
Plant Maintenance Technologist Class II  
Plant Maintenance Technologist Class III  
Plumbing Plans Examiner - P3  
Principles and Practice of Engineering (PE) Exam - Control Systems  
Principles and Practice of Engineering (PE) Exam - Environmental  
Principles and Practice of Engineering (PE) Exam - Fire Protection  
Principles and Practice of Engineering (PE) Exam - Mechanical: HVAC and Refrigeration  
QRO - Certification for Municipal Solid Waste Combustion Facilities Operator - Combustion System Operator  
QRO - Certification for Municipal Solid Waste Combustion Facilities Operator - Provisional  
QRO - Certification for Municipal Solid Waste Combustion Facilities Operator - Site Specific Operator  
Residential Plumbing Inspector - P1  
STAR Plumbing Mastery

STAR Steamfitting-Pipefitting Mastery  
UST Cathodic Protection - U4  
Very Small Water System Operator  
Wastewater Treatment Operator - Class IV  
Water Distribution Operator Class I  
Water Distribution Operator Class II  
Water Distribution Operator Class III  
Water Distribution Operator Class IV  
Water Treatment Operator - Class