

Franklin Certified Contractor Program



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Program Definition

The Franklin Certified Contractor program recognizes qualified contractors for their technical expertise in the water systems industry. To this end, Franklin Electric has established set criteria and provides training opportunities for contractors affiliated with its Key Dealer program. The Franklin Certified Contractor program is designed to

- provide water systems contractors with a means to differentiate themselves by recognizing their competence and expertise with Franklin products; and
- reward those contractors who demonstrate a commitment to technical excellence via this program.

The Franklin Certified Contractor program consists of two primary components: the base level program and the expert level program. In the base level program, the contractor earns recognition as a Franklin Certified Contractor. Building on that, a contractor may earn an Expert designation in various categories. Once a contractor becomes Franklin Certified, he may add one or more of the Expert designations at any time by meeting the coursework requirements.

Certification Requirements (Base Level)

1. To participate in this program, a contractor must be employed by a Key Dealer company. If a certified contractor leaves the employment of a Key Dealer, he may not be recertified unless and until he is employed by another Key Dealer company.
2. The contractor must be licensed as a groundwater professional in his respective state (if state requirements are in place).
3. The contractor must attend a comprehensive all-day FranklinTECH seminar. This may either take place at the Wilburton, Oklahoma campus or at a designated FranklinTECH On-The-Road (OTR) location.

Exceptions

Experienced contractors may apply for certification by meeting certain application criteria. For more information about this exception procedure, the contractor should contact a Franklin Electric Field Service Engineer. There are no exceptions for Expert level designations.

Expert Designation Requirements

A contractor wishing to add an Expert designation to his Franklin Certified Contractor status must attend an intensive seminar for each Expert designation he wishes to attain. Currently, three Expert level designations are available on this program, though other Expert designations may be added as applicable. Current designations are:

- Residential Expert
- Irrigation/Industrial Expert
- Drives Expert

Seminars qualifying for Expert designation will be appropriately noted on published schedules.

Certification Period

Certification is valid for two (2) years. A contractor may renew his certification by attending any Expert level course.

Acknowledgment of Certification

1. Certification Patch – Franklin Certified Contractors receive a patch for each level of certification achieved. Patches may be affixed to the contractor's apparel for visible demonstration of his achievement.
2. Program Certificate – Franklin Certified Contractors receive a certificate for each level of training successfully completed. Certificates include current status and expiration date.
3. Recognition Plaque – Key Dealer companies with at least one certified employee receive a plaque recognizing this achievement.
4. Prioritized Web Listing – Key Dealer companies with at least one certified employee will be given precedence on Franklin Electric's online dealer locators for quick recognition by end users.
5. Recognition in Printed Materials – Franklin Certified Contractors and/or their Key Dealer companies may be recognized periodically in Franklin publications.



Course Outlines

Franklin Certified Contractor (Base Level)

This is an introductory yet comprehensive day-long seminar. The program includes an introduction to:

- Basics of centrifugal pumps
- Jet pumps
- Submersible pumps
- Pump curves & pump sizing
- Submersible motor construction
- Basic electricity
- 2-wire submersible motors
- 3-wire submersible motors
- Control boxes
- Electrical meters
- Troubleshooting
- Variable frequency drive basics
- SubDrive QuickPAK
- Electronic protection devices overview
- Putting it all together - AIM Manual overview

Residential Expert

This course is designed for the water systems contractor who is currently working in the industry and who has attained base level certification. This course extensively covers all Franklin single-phase products and includes:

- Types of jet pumps and their applications
- Submersible pumps
- In-depth pump sizing
- Submersible motor construction
- Types of electric motors (SP, PSC, CSIR CSCR, 3-phase)
- Proper application of submersible motors
- Troubleshooting of single-phase submersible installations
- Variable frequency drives
- SubDrive/MonoDrive/QuickPAK
- Electronic protection devices
- AIM Manual review

Irrigation/Industrial Expert

This course is designed for the water systems contractor who is currently working in the industry and who has attained base level certification. The emphasis in this course is on three-phase and higher horsepower applications. Topics include:

- Submersible turbines
- Large centrifugal pumps
- Large pump sizing
- Large submersible motor construction
- 3-phase electricity
- Proper application of large submersibles
- 3-phase control panels
- 3-phase overload protection
- Troubleshooting 3-phase installations
- Application of "off-the-shelf" variable frequency drives
- SubDrive300

Variable Frequency Drives Expert

This course is designed for the water systems contractor who is currently working in the industry and who has attained base level certification. The focus of this course is on variable frequency drives (VFDs), with an emphasis on troubleshooting. Topics include:

- VFD Basics
- Internal VFD components
- Application of “off-the-shelf” VFDs
- SubDrive/MonoDrive/QuickPAK review
- VFD constant pressure sizing
- SubDrive/MonoDrive troubleshooting
- Selling constant pressure VFDs

Course Schedule

Visit www.franklin-electric.com or contact your local Franklin representative for current course offerings in your area.



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