



# COMMERCIAL ROLLING DOOR SYSTEMS TECHNICIAN CERTIFICATION

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## *Commercial Door Systems Require Professional Technicians*

Commercial property managers no longer accept minimum standards when it comes to installation and maintenance of commercial door systems. In today's business world, professionals are in demand at every level. The door and access systems industry has responded to these changing times by creating a series of professional certification programs for technicians.

This program has been created to validate professional technicians whose expertise extends to commercial rolling door systems.

IDEA Commercial Rolling Door Systems Technician Certification is available for qualified individuals. The designation is earned by demonstrating a high level of expertise regarding the products, accessories, installation and servicing methods associated with commercial rolling door systems.

Professional certified technicians are entitled to display the certification emblem and use their special skills to attract new business to their companies. This is the future of the door systems industry, and there has never been a better time to join the professional ranks.

Commercial Rolling Door Systems Technician Certification is met by successfully completing a 100-question written examination based on a comprehensive study guide developed by the IDEA Board of Directors. In addition to serving as an examination textbook, the study guide will also expand the scope of expertise among even the most experienced technicians.

# Preparing for Examination Through a Unique and Thorough Course of Study

IDEA has created a comprehensive curriculum for the Commercial Rolling Door Systems Technician Certification program. This course of study is designed to both measure and enhance expertise.

## Introduction

- Overview of Industry Organizations
- IDEA Programs and Services
- A Brief History of Commercial Doors

## Understanding Codes and Standards

- Published Standards
- Building Codes
- Licensing
- NEMA Standards
- Seismic Qualification
- Wind Load Requirements
- Understanding Loads Exerted by Rolling Doors
- Rolling Door Operation Under Wind Load Conditions
- Rolling Doors and Hurricanes or High Wind Events

## Rolling Door Materials and Finishes

- Steel Sheet Metal Components – Minimum Protective Coatings
- Most Common Stainless Steel Finishes
- Aluminum Finishes
- Insulation

## Typical Rolling Door Components

- Curtains
- Endlocks/Windlocks
- Guides
- Bottom Bars
- Barrel
- Counterbalance Mechanism
- Cycles
- Brackets
- Hoods
- Locks
- Weather Seals
- Wearstrips
- ANSI/DASMA 203 Standard for Non-Fire Rated Rolling Doors

## Types of Rolling Doors and Methods of Operation

- Types of Rolling Doors
- Rolling Service Door
- Rolling Counter Door
- Rolling Grilles
- Specialty Applications
- Fire-Rated Rolling Doors
- Methods of Operation
- Manual Push-Up Operation
- Manual Chain Hoist Operation
- Chain Hoist Mounting Locations
- Manual Hand Crank Operation
- Electric Operators
- Automatic Operators
- Operator Usage
- Operator Size
- Operator Mounting Locations
- Emergency Egress
- Electric Operator Compliance with UL 325
- Environmental Considerations and NEMA Standards
- Access Control Selection
- Control Wiring on the Operator
- Door Operator Access Controls
- Safety Accessories

## Obtaining and Installing the Correct Door

- The Bid Specifications
- Rolling Doors Specifications
- Ordering the Door
- Receiving the Door
- Rolling Door Installation Instructions
- Site Inspection
- Accessing the Opening
- Sizing the Opening
- Headroom Requirements
- Job Site Organization
- Tools and Equipment
- Guide Installation

- Wall types and Mounting
- Preparing the Barrel
- Attaching Curtain to Barrel Assembly
- Installing Tension Wheel
- Operating Mechanism Assembly
- Hood Installation
- Final Assembly
- Miscellaneous Final Checklist
- Typical Installation Instructions for Electric Operators
- Maintenance

## Service and Operation of Commercial Rolling Doors

- Safe Operation of Rolling Doors Door Operation
- Servicing an Existing Rolling Door
- Troubleshooting Rolling Doors
- Troubleshooting Rolling Door Operators
- Electrical Procedures
- Relocating an Existing Rolling Door

## The Importance of Safety

- Safety and the Company
- Safety and the Certified Door Technician
- Personal Safety
- Tools and Equipment
- Safe Driving
- Safety at the Work Site
- Organizations and Federal Guidelines
- Hazard Assessment
- Eliminating and Controlling Hazards
- Introduction to OSHA
- General Types of OSHA Standards
- Non-Compliance is NOT an Option
- Recordkeeping and Documentation
- Shop and Jobsite Inspections
- Self-Inspection Guidelines
- General Workplace Environmental Concerns
- Required Inspections

# Eligibility Requirements and Program Rules

***Please read this section carefully, as it contains answers to most of the frequently asked questions regarding Commercial Rolling Door Systems Technician Certification, and identifies the criteria for earning the designation.***

1. Commercial Rolling Door Systems Technician Certification is eligible to individuals with two or more years of field experience installing or repairing commercial rolling doors. The two year requirement is initiated at the time an individual began working in the field with commercial rolling door systems and must be verified by at least one person with knowledge of the candidate's experience.
2. An original application must be submitted for each individual applying for the certification.
3. Certification is issued to the individual and is valid for three years. After three years, a renewal application and \$50 fee must be submitted to maintain the certification.
4. Candidates must be trained in the field of commercial rolling door installation and/or service. Training is documented by an IDEA Sanctioned Trainer, or equivalent. An IDEA Sanctioned Trainer is one who has attended the IDEA Train-the-Trainer class and received a certificate of course completion. Equivalent training documentation can be submitted from recognized industry training sources in lieu of a Sanctioned Trainer Statement.
5. Candidates must successfully complete a 100-question written examination based on the Commercial Rolling Door Systems Technician Certification Study Guide. Examinations are graded on a Pass-Fail basis with a minimum passing score of 70%. All questions on the examination are multiple choice, True-False or matching.
6. Certified technicians may promote their designation as individuals without limitation on business cards, apparel and other items that may be used by an individual. Use of the term only to state or imply that no other certified technicians exist in a particular market area is prohibited.
7. There are strict rules pertaining to the advertising of certified technicians by companies:
  - a) Advertising the use of certified installers or technicians in general by companies is limited to those who have enrolled all eligible employees in the applicable certification program.
  - b) Individual installers used in advertising may be identified as certified provided no representation is made or implied that would mislead the general public into believing all company-employed installers are certified, if that is not the case.
  - c) Use of the term certified in advertising under this program must make clear the term relates to Commercial Rolling installation and service. Use of the term certified in any misleading or untruthful manner may result in legal action.
  - d) No representation may be made using the term only in advertising a company as having the only certified technicians in a particular market.
  - e) Any use of the IDEA Commercial Rolling Door Systems Technician Certification designation in advertising that is not specifically addressed in this document, must be pre-approved by IDEA in writing prior to publication or broadcast.
  - f) Companies desiring to advertise the use of certified technicians in any manner not specifically addressed herein, may petition the IDEA in writing or in person, but will be subject to administrative or legal action if prohibited advertising is conducted without such approval.
8. The total fee for Commercial Rolling Door Systems Technician Certification is \$200. The \$100 application fee covers the course Study Guide. The balance of \$100 is due prior to testing and must be received in order for the certification to be issued.
9. All IDEA program rules are established by the board of directors, and are published annually in the IDEA Official Policies and Procedures.

## MAINTAINING CERTIFICATION

Commercial Rolling Door Systems Technician Certification applies for a three-year period beginning with the effective date assigned by the IDEA after completing all of the program requirements. In order to maintain certification each applicant will be required to submit a renewal form with a renewal fee. In addition, certified installers must earn 9 Continuing Education credits (1 hour of education equals 1 CE credit) during the three-year renewal cycle. IDEA will provide certified installers with additional information regarding the availability of eligible CE courses.





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