



# CERTIFIED ROLLING STEEL FIRE DOOR TECHNICIAN CERTIFICATION

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EDUCATION AND ACCREDITATION  
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## *The time has come...*

Fire doors are an important component to public safety. These products are specifically designed to protect property and minimize damage resulting from accidental fires. This essential safety feature, when properly installed and maintained, not only reduces financial loss in the event of a fire emergency, it also protects lives.

There are no restrictions on who may install or service a fire door. That does not mean that technician expertise isn't an essential element of a safely and properly functioning fire door. The Institute of Door Dealer Education and Accreditation has established a program to validate the credentials of individuals who have experience and skills in the installation and service of Rolling Steel Fire Doors.

# Eligible technicians are those who:

- Have two or more years field experience installing and servicing rolling steel fire doors
- Are verified by an IDEA-Sanctioned Trainer to be qualified to install and service rolling steel fire doors
- Can meet a points-based system for documenting field experience requirements

In addition to meeting the qualifying criteria, applicants must successfully pass a written examination based on a comprehensive study guide published by IDEA. Applicants should be advised that the Rolling Steel Fire Door Technician Certification examination is based on a high degree of difficulty and is designed to validate exceptional expertise rather than fundamental knowledge. Upon completing all of these steps and passing the written examination, the applicant is awarded the designation Certified Rolling Steel Fire Door Technician.

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

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

### Introduction

- History and Importance of Fire Walls and Fire Doors
- Industry Organizations
- IDEA Programs and Services

### Understanding Codes and Standards

- Published Standards
- Building Codes
- NEMA Standards
- Seismic Qualification
- Fire Rating
- Smoke Control
- Final Approval

### Rolling Steel Fire Doors Materials and Finishes

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

### Rolling Steel Fire Doors Product Components

- Curtains
- Endlocks/Windlocks
- Guides
- Guide Expansion Clearance
- Bottom Bars
- Barrel
- Counterbalance Mechanism
- Cycles
- Brackets
- Hoods
- Governors
- Sills and Countertops
- Options and Accessories
- ANSI/DASMA 204
- Standard for Fire Rated Rolling Door Assemblies

### Types of Fire Doors and Methods of Operation

- Rolling Steel Fire Door
- Rolling Steel Counter Fire Door
- Service Counter Fire Door
- Conveyor Openings
- Methods of Operation

### Automatic Closing Devices

- Rolling Fire Door Release Theory
- Rolling Fire Door Resetting Theory
- Automatic Closing
- Non-Spring Release Fire Door Operators
- Floor-Level Disconnect
- Release Devices
- Detectors

### Obtaining and Installing the Correct Fire Door

- The Bid Specifications
- Rolling Steel Fire Door Installation Instructions
- Site Inspection
- 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
- Curtain Rolled on Barrel on the Floor Assembly
- Applying Tension
- Hood Installation
- Final Assembly
- Inspection and Drop Testing
- Troubleshooting
- Typical Installation Instructions for Electric Operators

# How the Program Works:

Certification is earned by completing all of the steps and meeting the eligibility criteria established by the IDEA Board of Directors.

- ◆ The first step is to complete an application for Rolling Steel Fire Door Technician Certification and return it to IDEA. A completed application is required for each individual seeking certification.
- ◆ Candidates for certification must provide documentation of two or more years field experience involving the installation and/or service of rolling steel fire doors. This can be provided in the form of notarized statements by current or previous employers, customers, or others with personal knowledge of the candidate's background.
- ◆ In addition to the two-year field experience requirement, each applicant must be verified as being fully trained in the installation and service of rolling steel fire doors by an IDEA-Sanctioned Trainer.\*
- ◆ Applicants must submit drop test forms on a points-earned basis. One point will be granted for unique new installation and 1/2 point for each annual drop test or other drop test of a previously installed rolling steel fire door. Up to two applicants may earn points based on a single drop test form. Applicants must submit forms earning a minimum of 10 points.

## The Study Guide

The final step in the certification process is to successfully complete a comprehensive written examination based on the IDEA Rolling Steel Fire Door Installer Certification Study Guide. The study guide covers a full range of fire door theory, professionalism, product components and other issues. *(See outline of Study Guide on back).*

The examinations are proctored and can be scheduled in a variety of locations throughout North America, as well as by appointment, when possible. The written tests are multiple choice and True-False and based on the study guide materials.

## Earning the Professional Certification

Upon successful completion of the written examination and meeting the other eligibility requirements, the applicant will be provided with a certificate suitable for framing, shirt patches and an identification card.

## Maintaining Certification

Rolling Steel Fire Door 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 earns 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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