



**DEPARTMENT OF FINANCIAL SERVICES**

*Division of State Fire Marshal  
Bureau of Fire Standards & Training*

**STRUCTURAL COLLAPSE RESCUE OPERATIONS TASK BOOK**

Please type or print legibly.

NAME: LAST		FIRST		MI	
				DATE OF BIRTH	
HOME ADDRESS		CITY		STATE	
				ZIP CODE	
EMAIL ADDRESS		PHONE NUMBER		FCDICE STUDENT ID NUMBER	
DATE TASK BOOK INITIATED			DATE TASK BOOK COMPLETED		

**ATTEST:** The information contained in this document is true and correct to the best of my knowledge. I understand that falsification of this document is subject to penalty and is cause to deny or revoke this certification.

*Signature of Applicant* \_\_\_\_\_ *Date* \_\_\_\_\_

*Signature of Fire Chief, Agency Head or Designee* \_\_\_\_\_ *Printed Name of Fire Chief, Agency Head or Designee* \_\_\_\_\_ *Date* \_\_\_\_\_

**PURPOSE OF THIS TASK BOOK:** This task book is an evaluative tool designed to document that a candidate has demonstrated certain requisite skills required to meet a specific NFPA 1670 job performance requirement. Selected skill objectives in this task book are a supplement to the student learning outcomes and objectives met by successfully completing the Structural Collapse Rescue Operations program curriculum.

**EXPECTATION OF CANDIDATE:** The Structural Collapse Rescue Operations candidate is solely responsible for the maintenance, completion, and submission of this task book.

**EXPECTATIONS OF EVALUATOR:** The evaluator is a direct supervisor, training officer or person designated by Fire Chief or Agency Head who is responsible for overseeing the performance or activity of the candidate. The evaluator documents first hand observation of the requisite skills of candidate, and attests by signature when task(s) has been demonstrated. Evaluators must sign and enter their Student ID numbers on this form.

**STRUCTURAL COLLAPSE RESCUE OPERATIONS**

<i>General Reference to NFPA 1670 Standard</i>	<i>Evaluator Signature (Print &amp; Sign Name)</i>	<i>Student ID Number</i>	<i>Date</i>
Recognize the need for structural collapse search and rescue			
Size up and evaluate existing and potential conditions at structural collapse incidents			
Conduct a size up of both light frame and heavy construction type collapsed structures			
Identify the resources necessary to conduct structural collapse search and rescue operations			
Initiate the emergency response system for structural collapse incidents			
Identify and establish a collapse safety zone			
Initiate site control and scene management			

## STRUCTURAL COLLAPSE RESCUE OPERATIONS TASK BOOK

Recognize the general hazards associated with structural collapse incidents			
Recognize the potential for secondary collapse			
Recognize unique collapse or failure hazards			
Determine potential victim locations in both light frame and heavy construction type structures			
Implement collapse support operations at a rescue incident			
Implement a collapse rescue incident action plan in light frame and heavy construction type collapsed structures			
Recognize and implement a search/rescue search assessment marking system, building marking system (structure/hazard evaluation), victim location marking system, and structural marking system (structure identification within a geographical area), such as the ones used by the FEMA Urban Search and Rescue System			
Remove readily accessible victims from structural collapse incidents			
Conduct reconnaissance of the structure and surrounding area			
Conduct visual and verbal searches at collapse incidents			
Conduct hasty primary and secondary search operations intended to locate victims trapped on, inside, and beneath collapse debris			
Search both light frame and heavy construction type collapsed structures			
Stabilize a collapsed light frame structure as a member of a team			
Construct cribbing systems			
<b>STRUCTURAL COLLAPSE RESCUE OPERATIONS BREACHING AND BREAKING</b>			
<b><i>General Reference to NFPA 1670 Standard</i></b>	<b><i>Evaluator Signature (Print &amp; Sign Name)</i></b>	<b><i>Student ID Number</i></b>	<b><i>Date</i></b>
Identify types of concrete			
Identify types of tools used in breaching concrete			
Identify safety concerns when breaching concrete			
Identify what support tools are required for breaching			
Breach light frame structural components			

## STRUCTURAL COLLAPSE RESCUE OPERATIONS TASK BOOK

STRUCTURAL COLLAPSE RESCUE OPERATIONS LIFTING AND MOVING			
<i>General Reference to NFPA 1670 Standard</i>	<i>Evaluator Signature (Print &amp; Sign Name)</i>	<i>Student ID Number</i>	<i>Date</i>
Demonstrate proper safety techniques			
Demonstrate a Class I lever			
Demonstrate a Class II lever			
STRUCTURAL COLLAPSE RESCUE OPERATIONS SHORING			
<i>General Reference to NFPA 1670 Standard</i>	<i>Evaluator Signature (Print &amp; Sign Name)</i>	<i>Student ID Number</i>	<i>Date</i>
Demonstrate proper cutting technique			
Demonstrate proper safety technique			
Determine insertion point			
Construct a T shore			
Construct a T shore in a racked structure			
Construct a window shore			
Construct a window shore in a racked structure			
Construct a door shore			
Construct a door shore in a racked structure			
Construct a vertical shore			
Construct a vertical shore in a racked structure			
Construct a horizontal shore			
Construct a horizontal shore in a racked structure			
Stabilize a collapsed light frame structure as a member of a team and perform rescue shoring operations			
Construct cribbing systems			
Stabilize a collapsed heaving construction type structure as a member of a team and perform rescue shoring operations			

# STRUCTURAL COLLAPSE RESCUE OPERATIONS TASK BOOK