



**DEPARTMENT OF FINANCIAL SERVICES**

Division of State Fire Marshal  
Bureau of Fire Standards & Training

**TRENCH 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 Trench Rescue Operations program curriculum.

**EXPECTATION OF CANDIDATE:** The Trench 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.

**TRENCH 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>
Conduct a size up of a collapsed trench			
Identify the resources necessary to conduct safe and effective trench and excavation emergency operations			
Initiate the emergency response system for trenches and excavations			
Implement a trench emergency action plan			
Initiate site control and scene management			
Implement support operations at trench emergencies			

## TRENCH RESCUE OPERATIONS TASK BOOK

Recognize general hazards associated with trench and excavation emergency incidents			
Recognize the procedures necessary to mitigate hazards within the general rescue area			
Recognize typical trench collapse patterns			
Recognize the reasons trenches collapse			
Recognize the potential for secondary collapse			
Recognize the hazards associated with the weight of soil and its associated entrapping characteristics			
Size up and evaluate existing and potential conditions at trench and excavation emergencies			
Recognize unstable areas associated with trench and excavation emergencies and adjacent structures			
Identify probable victim locations and survivability			
Initiate a one-call utility location service			
Initiate record keeping and documentation during entry operations			
Identify and recognize a bell-bottom pier hole excavation and its associated unique hazards			
Select, utilize, and apply sloping and benching systems			
Identify the duties of panel, entry, and shoring teams			
Assess the mechanism of entrapment and the method of victim removal			
Make the rescue area safe			
Place ground pads and protect the lip of the trench			
Provide entry and egress paths for entry personnel			
Identify soil types using visual or manual tests			
Ventilate the trench or excavation space			
Initiate entry into a trench or excavation rescue area			
Initiate a rapid, non-entry extrication of non-injured or minimally injured victim(s)			
Conduct a pre-entry briefing			
Select, utilize, and apply shield systems			

## TRENCH RESCUE OPERATIONS TASK BOOK

Support a non-intersecting straight wall trench			
Release a victim from soil entrapment by components of a collapsed trench			
Perform extrication of trapped victims			
Remove a victim from a trench			
Disassemble support systems at a trench incident			