



COURSE INFORMATION AND REQUIRED MATERIALS

FIRE FIGHTING AND RESCUE

Course: Confined Space Rescue Technician
Hours: 40
Designed For: All Fire Service Personnel
Description: This course is an intensive hands-on training program that will prepare you to respond to confined space emergencies. This course of instruction prepare the student in identifying confined spaces and permit-required confined spaces, the hazards associated with permit-required confined spaces, target industries and hazards, state and federal regulations, components of a rescue operation, and the roles and responsibilities of the rescue team.
Prerequisites: None
Certification: None
Class Size: 36
Student/Instructor: 12:1
Restrictions This class requires a registered Senior Instructor and an approved CSRT Training Site

REQUIRED STUDENT MATERIALS	EDITION	VENDORS
Confined Space Entry and Rescue Manual, 2 nd ed	2007	CMC Rescue Inc.
REQUIRED INSTRUCTOR MATERIALS		
Confined Space Rescue Technician Instructor Guide and CD	2007	SFT Bookstore

Course Objectives: to provide the student with:

- a) Information on the regulations and standards which regulate entry into confined spaces
- b) Information to identify confined spaces and permit required confined spaces
- c) The ability to identify the hazards associated with confined spaces
- d) Knowledge, skills, and abilities to perform confined space rescue as it relates to incidents involving terrorism and/or weapons of mass destruction (WMD)
- e) The ability to select and use atmospheric monitoring equipment
- f) The ability to select and use the equipment necessary to control hazards in confined spaces
- g) The ability to identify, select, and use personal protective equipment
- h) The ability to use various types of victim removal and packaging systems
- i) The ability to construct rope rescue systems for confined space rescue
- j) Information necessary to plan, organize, operate, and command at confined space rescue incidents
- k) The opportunity to apply the principles of confined space rescue through directed rescue scenarios

Course Content	40:00
1. Course Introduction	0:15
2. Confined Space Identification	1:30



COURSE INFORMATION AND REQUIRED MATERIALS

FIRE FIGHTING AND RESCUE

3.	CAL-OSHA Regulations	1:00
4.	Federal Regulation-CFR 1910. 146	0:00
5.	Confined Space Hazards	1:30
6.	Atmospheric Monitoring	1:00
7.	Hazard Control	1:00
8.	Personal Protective Equipment	0:45
9.	Phases of Confined Space Rescue	0:30
10.	Rescue Rope and Related Equipment	1:00
11.	High Point Anchor Systems	0:30
12.	Communications	0:30
13.	Permitting Confined Spaces	0:30
14.	Knots	1:30
15.	Anchor Systems	0:50
16.	Belay Systems	0:30
17.	Raising Systems	1:15
18.	Rescuer and Victim Packaging	2:00
19.	Respiratory Protection	1:00
20.	Communication Systems	1:00
21.	Hazard Control	1:10
22.	Atmospheric Monitoring	1:00
23.	High Point Anchor Systems	2:30
24.	Scenarios	16:00



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTOR TRAINEE TASK BOOK

The Confined Space Rescue Technician Instructor Trainee Task Book lists every requirement that will be evaluated. Each Instructor Trainee's performance will be observed and recorded by the evaluating Senior Instructor. The evaluating Senior Instructor will determine if the Instructor Trainee has successfully met the performance standards and should be recommended for Instructor status.

RESPONSIBILITIES

(A) The Instructor Trainee is responsible for:

Reading and understanding material in the instructor guide, student text, site requirements, equipment standards, and other supporting materials

Satisfactorily completing all Instructor requirements

Ensuring their Confined Space Rescue Technician Instructor Trainee Task Book is accurately recorded, maintained and completed within 24 months of task book initiation by a Senior Instructor.

Filing and keeping their Confined Space Rescue Technician Instructor Trainee Task Book with their other personal or career records

(B) The evaluating Senior Instructor is responsible for:

Being qualified and proficient

Initiating and explaining to the Instructor Trainee the purpose of and process for completing the Confined Space Rescue Technician Instructor Trainee Task Book

Explaining to the Instructor Trainee their responsibilities

Accurately evaluating and recording on the Confined Space Rescue Technician Instructor Trainee Task Book all requirements completed by the Instructor Trainee

REQUIREMENTS

To qualify as a Confined Space Rescue Technician Instructor, the applicant shall satisfy all requirements for Confined Space Rescue Technician Instructor as outlined in State Fire Training Policy and Procedures Manual.



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTIONS FOR COMPLETING THE TASK BOOK

The Confined Space Rescue Technician Instructor Trainee Task Book allows the evaluating Senior Instructor to record a Instructor Trainee's performance for teaching both technical and manipulative lesson plans. These evaluations are made by observing the Instructor Trainee's presentations in the classroom and their instruction of manipulative performance techniques at each skill station. The Instructor Trainee must demonstrate proficiency in the instruction of each module.

Task Book Headings

Task Booklet Initiated By: Name of Senior Instructor initiating the task booklet and date

Instructor Trainee: Enter the trainee's name

Module: Lists the module name and the technical and manipulative performance requirements by topic

Time Frame: Lists the estimated time frame for teaching the lesson plan

Reference: Lists the corresponding chapters from the students text and supporting materials

Instructor #: The evaluating Senior Instructor(s) enters their State Fire Training registration number

Instructor Initials: The evaluating Senior Instructor(s) enters their initials

Date: The evaluating Senior Instructor(s) enters the date the Instructor Trainee was evaluated

Evaluator Recommendation

At the completion of the Instructor Trainee Task Book, the evaluator(s) shall complete the Evaluator Recommendation (Page 7)



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

Task Book Initiated by: _____ Date: _____

INSTRUCTOR TRAINEE:				
ORIENTATION MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
Introduction To Confined Space Rescue				
Course Introduction	0:15	Preface		
Confined Space Identification	1:30	Chapter 1		
OSHA Regulations	1:00	Chapter 2		
Confined Space Hazards	1:30	Chapter 4		
Atmospheric Monitoring	1:00	Chapter 5		
Hazard Control	1:00	Chapter 6		
Personal Protective Equipment	0:45	Chapter 7		
Phases of Confined Space Rescue	0:30	Chapter 8		
Rescue Rope and Related Equipment	1:00	Chapter 9		
High Point Anchor Systems	0:30	Chapter 10		
Communications	0:30	Chapter 11		
Permitting Confined Spaces	0:30	Chapter 12		
Total Hours:		10:00		

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Comments:



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTOR TRAINEE:				
SKILLS MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
Knots				
How To Tie A Figure Eight Stopper	0:10	Chapter 9		
How To Tie A Figure Eight On A Bight	0:10			
How To Tie A Figure Eight Follow Through	0:10			
How To Tie A Figure Eight Bend	0:10			
How To Tie A Square Knot	0:10			
How To Tie An Overhand Bend	0:10			
How To Tie A Double Overhand Bend	0:10			
How To Attach A 3-Wrap Prusik To A Rescue Rope	0:10			
How To Construct A Modified Trucker's Hitch	0:10			
Anchor Systems				
How To Tie A Single Loop Anchor Sling	0:10	Chapter 9		
How To Tie A Basket Sling	0:10			
How To Tie A Multi-Loop Anchor Sling (Wrap Three, Pull Two)	0:10			
How To Tie A Tensionless Hitch	0:10			
How To Construct A Back-Tied Anchor System	0:10			
RPM				
How to Attach and Operate A Brake Bar Rack As Part Of The RPM	0:15	Chapter 9		
How To Construct And Operate A Load Releasing Hitch As Part Of The RPM	0:20			
How To Attach A Prusik Loop To The RPM For Use In A Haul System	0:10			
How To Construct and Operate The RPM	0:30			
Belay Systems				
How To Construct And Operate A Belay System	0:15	Chapter 9		
How To Operate A Belay System As A Retrieval Line	0:15			

Comments:



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTOR TRAINEE:				
SKILLS MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
Raising Systems				
How To Construct And Operate A 2:1 Ladder Rig Mechanical Advantage System	0:15			
How To Construct And Operate A 3:1 Z-Rig Mechanical Advantage System Through a High Point Anchor	0:15			
How To Construct And Operate A 3:1 Piggyback Mechanical Advantage System Through a High Point Anchor	0:15			
How To Construct And Operate A 4:1 Mechanical Advantage System	0:15			
How To Construct And Operate A 4:1 Pre-Rig Mechanical Advantage System	0:15			
Rescuer and Victim Packaging				
How To Tie Two Half Hitches	0:10	Chapter 9		
How To Tie A Round Turn And Two Half Hitches	0:10			
How To Tie And Attach A Hasty Chest Harness (Double Locking Larksfoot) To A Victim	0:10	Chapter 9		
How To Tie And Attach Wristlets And Anklets	0:10			
How To Secure A Victim To A Rescue Litter	0:20			
How To Rig A Litter For Vertical Rescue	0:10			
How To Rig A Victim In A SKED Litter	0:20			
How To Rig A Victim In A LSP Half Back	0:15			
How To Don A Pre-Sewn Class III Rescue Harness	0:15			
Respiratory Equipment				
How To Don And Operate A Self-Contained Breathing Apparatus (SCBA)	0:10	Chapter 7		
How To Don And Operate A Supplied Air Respirator (SAR) And Escape Pack	0:15			
How To Operate A Supplied Air Respiratory System	0:15			
How To Lay Out And Deploy Supplied Air Lines	0:10			
How To Provide Victim Respiratory Protection	0:10			
Communication Systems				
How To Perform A Verbal Communication System	0:05			
How To Perform A Hand Signal Communication System	0:10			
How To Operate A Rope Signal Communication System	0:05			
How To Operate A Light Signal Communication System	0:05			
How To Operate A Tapping And Rapping Communication System	0:05			



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTOR TRAINEE:				
SKILLS MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
How To Operate A Portable Radio Communication System	0:10			
How To Operate A Hardwire Communication System	0:20			
Hazard Control				
How To Identify Types of Energy Sources	0:05	Chapter 6		
How To Isolate Energy Sources	0:05			
How To Perform Lock-Out/Tag-Out/Block-Out	0:15			
How To Operate A Ventilation Fan	0:05			
How To Deploy Ventilation Ducting	0:05			
How To Deploy A Manhole Saddle Vent	0:05			
How To Perform Positive Pressure (Supply) Ventilation	0:05			
How To Perform Negative Pressure (Exhaust) Ventilation	0:05			
How To Perform Combination Ventilation	0:05			
How To Perform Local Supply Ventilation	0:05			
How To Calculate Ventilation Air Exchanges	0:10			
Atmospheric Monitoring				
How To Perform Instrument Start-Up	0:05	Chapter 5		
How To Determine The Instrument Target Gases	0:10			
How To Bump Test The Instrument	0:10			
How To Check The Peaks On The Instrument	0:05			
How To Clear The Peaks On The Instrument	0:05			
How To Perform Remote Sampling	0:10			
How To Use A Conversion Chart To Assess Flammability	0:10	Supplement		
How To Perform Instrument Shut-Down	0:05	Chapter 5		
High Point Anchor Systems				
How To Construct And Operate A Ladder Gin System	0:40	Chapter 9		
How To Construct And Operate A Ladder "A" Frame System	0:50			
How To Set-Up And Operate A Tripod System	0:45			
How To Operate Cable And Winch Systems	0:15			

Total Hours: 14:00

Comments:



CONFINED SPACE RESCUE TECHNICIAN

INSTRUCTOR TRAINEE
TASK BOOK

INSTRUCTOR TRAINEE:				
CONFINED SPACE ENTRY MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
Confined Space Entry				
Confined Space Rescue – Vertical Entry	16:00	N/A		
Confined Space Rescue – Horizontal Entry				
Confined Space Rescue – Tapered Cross Section				
Confined Space Rescue – In-Pipe				
Confined Space Rescue – Non-Entry				
Able To Develop, Proctor, And Evaluate Confined Space Entry Scenarios				
Written Exam				
Successful Completion Of Written Exam(s) - Optional	N/A	N/A		
TOTAL HOURS:		16:00		

COMMENTS:

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EVALUATOR RECOMMENDATION

Evaluator: _____ Evaluator's Instructor #: _____
 Dept: _____
 Phone: _____

The above named Instructor Trainee performed and/or demonstrated proficiency in all tasks initialed and dated. As a result, it is proposed that the Instructor Trainee be considered for Instructor registration.

Evaluator's Signature: _____ Date: _____

COMMENTS:

SENIOR INSTRUCTOR TRAINEE TASK BOOK

The Confined Space Rescue Technician Senior Instructor Trainee Task Book lists every requirement that will be evaluated. Each Senior Instructor Trainee's performance will be observed and recorded by the evaluating Senior Instructors. The evaluating Senior Instructors will determine if the Senior Instructor Trainee has successfully met the performance standards and should be recommended for Senior Instructor status.

RESPONSIBILITIES

(A) The Senior Instructor Trainee is responsible for:

Reading and understanding material in the instructor guide, student text, site requirements, equipment standards, and other supporting materials

Satisfactorily completing all Senior Instructor requirements

Ensuring their Confined Space Rescue Technician Senior Instructor Trainee Task Book is accurately recorded, maintained and completed within 24 months of task book initiation by an evaluating Senior Instructor.

Filing and keeping their Confined Space Rescue Technician Senior Instructor Trainee Task Book with their other personal or career records

(B) The evaluating Senior Instructor is responsible for:

Being qualified and proficient

Initiating and explaining to the Senior Instructor Trainee the purpose of and process for completing the Confined Space Rescue Technician Senior Instructor Trainee Task Book

Explaining to the Senior Instructor Trainee their responsibilities

Accurately evaluating and recording on the Confined Space Rescue Technician Senior Instructor Trainee Task Book all requirements completed by the Senior Instructor Trainee

REQUIREMENTS

To qualify as a Confined Space Rescue Technician Senior Instructor, the applicant shall satisfy all requirements for Confined Space Rescue Technician Senior Instructor as outlined in State Fire Training Policy and Procedures Manual.



CONFINED SPACE RESCUE TECHNICIAN

SENIOR INSTRUCTOR
TRAINEE TASK BOOK

INSTRUCTIONS FOR COMPLETING THE TASK BOOK

The Confined Space Rescue Technician Senior Instructor Trainee Task Book allows the evaluating Senior Instructors to record a Senior Instructor Trainee's performance for teaching both technical and manipulative lesson plans, preparing for the class, organizing the class, managing other instructors, development of scenarios, filing of paperwork and other Senior Instructor tasks. These evaluations are made by observing the Senior Instructor Trainee's performance before class, during classroom presentations, manipulative instruction, as well as after course completion. The Senior Instructor Trainee must possess proficiency in the instruction of each module.

Task Book Headings

- Task Book Initiated By: Name of Senior Instructor Initiating the Task Book and Date
- Senior Instructor Trainee: Enter the trainee's name
- Module: Lists the module name and the technical and manipulative performance requirements by topic
- Time Frame: Lists the estimated time frame for teaching the lesson plan
- Reference: Lists the corresponding chapters from the student text and supporting materials
- Instructor #: The evaluating Senior Instructor(s) enters their State Fire Training registration number
- Instructor Initials: The evaluating Senior Instructor(s) enters their initials
- Date: The evaluating Senior Instructor(s) enters the date the Senior Instructor Trainee was evaluated

Evaluator Recommendation

At the completion of the Senior Instructor Trainee Task Book, the evaluator(s) shall complete the Evaluator Recommendation (Page 7)

Task Book Initiated by: _____ Date: _____



CONFINED SPACE RESCUE TECHNICIAN

SENIOR INSTRUCTOR
TRAINEE TASK BOOK

SENIOR INSTRUCTOR TRAINEE:		
Confirm/Review Adequate Facilities		
Develop/Submit Site Approval Application in accordance with SFT P & P		
Complete/Submit Course Scheduling Request		
Order Student Text Books		
Confirm Equipment Based on Number of Squads		
Complete Instructor Assignments		
Complete Pre-class Instructor Meeting		
Develop/Complete Class Safety Plan (ICS 208)		
Develop/Complete Medical Plan (ICS 206)		
Prop and Scenario Organization		
Organize Scenarios from Simple to Complex		
Provide Appropriate Equipment for Given Scenarios		
Consider Timing of Simultaneous Scenarios		
Scenario Atmospheric Monitoring Readings		
Reports Target Gases Appropriate to Evolution		
Reports Target Gases Appropriate to Vapor Density		
Reports O2 Displacement Appropriate to Target Gas		
Reports LEL Reading Appropriate to Target Gas		
Reports Improved Reading Appropriate to Ventilation		
Alternate Entry/C5		
Explain / Develop C5 Procedure for Eligible Training Space		

Comments:



CONFINED SPACE RESCUE TECHNICIAN

SENIOR INSTRUCTOR
TRAINEE TASK BOOK

SENIOR INSTRUCTOR TRAINEE:		
SKILLS MODULE	Evaluating Instructor # and Initials	Date
Student/Victim Considerations in Actual PRCS		
Insures Completion of Entry Permit		
Insure Appropriate Harness		
Demonstrate Retrieval System		
Develops and Maintains Communications Plan		
Confirms Hazard Control (Lock-Out/Tag-Out)		
Confirms Atmospheric Monitoring/Ventilation		
Class Paperwork/Documentation		
Completion of Scantrons		
Completion of Class Rosters		
Completion and Filing of Entry Permits		
Completion of Written Exam		
Completion and Filing of Rope Logs		
Completion of Course Evaluations		
Completion and Submission of State Fire Training Paperwork		
Class Logistics		
Provide/Confirm Appropriate Mask Decontamination		
Provide/Confirm Breathing Air Refill		
Provide/Confirm Student Facilities for Off-Site Instruction		
Knowledge of Other Related Standards and Regulations		
OSHA (Fall Protection, Respiratory, Lock-Out/Tag-Out, Tunneling, IIPP)		
ASTM		
ANSI		
NIOSH		
NFPA		

Comments:



CONFINED SPACE RESCUE TECHNICIAN

SENIOR INSTRUCTOR
TRAINEE TASK BOOK

SENIOR INSTRUCTOR TRAINEE:				
CONFINED SPACE ENTRY MODULE	Time Frame	Reference	Evaluating Instructor # and Initials	Date
Confined Space Entry				
Confined Space Rescue – Vertical Entry	16:00	N/A		
Confined Space Rescue – Horizontal Entry				
Confined Space Rescue – Tapered Cross Section				
Confined Space Rescue – In-Pipe				
Confined Space Rescue – Non-Entry				
Able To Develop, Proctor, And Evaluate Confined Space Entry Scenarios				
Written Exam				
Successful Completion Of Written Exam(s) - Optional	N/A	N/A		
TOTAL HOURS:		16:00		

COMMENTS:

EVALUATOR RECOMMENDATION

Senior. Inst. Evaluator: _____ Senior. Inst. Evaluator's #: _____
 Department: _____
 Phone: _____

The above named Senior Instructor Trainee performed and/or demonstrated proficiency in all tasks initialed and dated. As a result, it is proposed that the Senior Instructor Trainee be considered for Senior Instructor registration.

Senior Inst. Evaluator's Signature: _____ Date: _____

EVALUATOR RECOMMENDATION

Senior. Inst. Evaluator: _____ Senior. Inst. Evaluator's #: _____
 Department: _____
 Phone: _____

The above named Senior Instructor Trainee performed and/or demonstrated proficiency in all tasks initialed and dated. As a result, it is proposed that the Senior Instructor Trainee be considered for Senior Instructor registration.

Senior Inst. Evaluator's Signature: _____ Date: _____



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT TASK BOOK

The Confined Space Rescue Technician Student Task Book lists every requirement that will be evaluated. Each student's performance will be observed and recorded by the instructor. Grades will then be evaluated and the instructor will determine if the student has successfully met the performance standards for this course and should be issued a course completion certificate.

RESPONSIBILITIES

(A) State Fire Training is responsible for:

Ensuring the Confined Space Rescue Technician training site meets all site requirements

Ensuring the course instructor(s) are registered for the level and subject of instruction to be taught

Issuing certificates for successful course completion

(B) The student is responsible for:

Reading and understanding information in the student text and supporting materials

Satisfactorily completing all course requirements

Ensuring their Confined Space Rescue Technician Student Task Book is accurately recorded and maintained

Filing and keeping their Confined Space Rescue Technician Student Task Book with their other personal or career records

(C) The evaluating Instructor(s) is responsible for:

Being qualified and proficient

Explaining to the students the purpose of and process for completing the Confined Space Rescue Technician Student Task Book

Explaining to the students their responsibilities

Accurately evaluating and recording on the Confined Space Rescue Technician Student Task Book all course requirements completed by the students

INSTRUCTIONS FOR COMPLETING THE TASK BOOK

The Confined Space Rescue Technician Student Task Book allows the instructor to record a student's performance for both technical and manipulative jobs. These evaluations are made



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

by observing the student's participation in the classroom, manipulative performance in individual or group skills stations, and performance during confined space rescue scenarios.

Task Book Headings

- Student:** Enter your name
- Class Dates:** Enter the beginning and ending date of the class
- Module:** Lists the module name and the technical and manipulative performance requirements by topic
- Time Frame:** Lists the estimated time frame for teaching the job
- Reference:** Lists the corresponding chapter(s) from the student's text and supporting materials
- Grade Code:** Area to record the student's performance
- Instructor #:** The evaluating instructors enter their State Fire Training registration number
- Instructor Initials:** The evaluating instructor enters their initials
- Date:** The evaluating instructor enters the date the student was evaluated

Grade Codes

- "P" The student successfully completed the performance standard
- "N/P" The student did not satisfy certain portions of the performance standard and additional guidance is required



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT:		CLASS DATES:			
ORIENTATION MODULE	Time Frame	Reference	Grade Code	Evaluating Inst. # and Initials	Date
Introduction To Confined Space Rescue					
Course Introduction	0:15	Preface			
Confined Space Identification	1:30	Chapter 1			
OSHA Regulation	1:00	Chapter 2			
Confined Space Hazards	1:30	Chapter 4			
Atmospheric Monitoring	1:00	Chapter 5			
Hazard Control	1:00	Chapter 6			
Personal Protective Equipment	0:45	Chapter 7			
Phases of Confined Space Rescue	0:30	Chapter 8			
Rescue Rope and Related Equipment	1:00	Chapter 9			
High Point Anchor Systems	0:30	Chapter 10			
Communications	0:30	Chapter 11			
Permitting Confined Spaces	0:30	Chapter 12			
Total Orientation Hours:		10:00			

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Comments:



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT:		CLASS DATES:			
SKILLS MODULE	Time Frame	Reference	Grade Code	Evaluating Inst. # and Initials	Date
Knots					
How To Tie A Figure Eight Stopper	0:10	Chapter 9			
How To Tie A Figure Eight On A Bight	0:10				
How To Tie A Figure Eight Follow Through	0:10				
How To Tie A Figure Eight Bend	0:10				
How To Tie A Square Knot	0:10				
How To Tie An Overhand Bend	0:10				
How To Tie A Double Overhand Bend	0:10				
How To Attach A 3-Wrap Prusik To A Rescue Rope	0:10				
How To Construct A Modified Trucker's Hitch	0:10				
Anchor Systems					
How To Tie A Single Loop Anchor Sling	0:10	Chapter 9			
How To Tie A Basket Sling	0:10				
How To Tie A Multi-Loop Anchor Sling (Wrap Three, Pull Two)	0:10				
How To Tie A Tensionless Hitch	0:10				
How To Construct A Back-Tied Anchor System	0:10				
RPM					
How to Attach and Operate A Brake Bar Rack As Part Of The RPM	0:15	Chapter 9			
How To Construct And Operate A Load Release Hitch As Part Of The RPM	0:20				
How To Construct and Operate The RPM	0:40				
Belay Systems					
How To Construct And Operate A Tandem Prusik Belay System	0:15	Chapter 9			
How To Convert A Tandem Prusik Belay System To A Retrieval Line	0:15				

Comments:



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT:		CLASS DATES:			
SKILLS MODULE	Time Frame	Reference	Grade Code	Evaluating Inst # and Initials	Date
Raising Systems					
How To Construct And Operate A 2:1 Ladder Rig Mechanical Advantage System	0:15	Chapter 9			
How To Construct And Operate A 3:1 Z-Rig Mechanical Advantage System Through a High Point Anchor	0:15				
How To Construct And Operate A 3:1 Piggyback Mechanical Advantage System	0:15				
How To Construct And Operate A 4:1 Mechanical Advantage System	0:15				
How To Construct And Operate A 4:1 Pre-Rig Mechanical Advantage System	0:15				
Rescuer and Victim Packaging					
How To Tie Two Half Hitches	0:10	Chapter 9			
How To Tie A Round Turn And Two Half Hitches	0:10				
How To Tie And Attach A Hasty Chest Harness (Double Locking Larksfoot) To A Victim	0:10				
How To Tie And Attach Wristlets And Anklets	0:10				
How To Secure A Victim To A Rescue Litter	0:20				
How To Rig A Litter For Vertical Rescue	0:10				
How To Rig A Victim In A SKED Litter	0:20				
How To Rig A Victim In A LSP Half Back	0:15				
How To Don A Pre-Sewn Class III Rescue Harness	0:15				
Respiratory Protection					
How To Don And Operate A Self-Contained Breathing Apparatus (SCBA)	0:10	Chapter 7			
How To Don And Operate A Supplied Air Respirator (SAR) And Escape Pack	0:15				
How To Operate A Supplied Air Respirator System	0:15				
How To Lay Out And Deploy Supplied Air Lines	0:10				
How To Provide Victim Respiratory Protection	0:10				
Communication Systems					
How To Perform A Verbal Communication System	0:05	Chapter 11			
How To Perform A Hand Signal Communication System	0:05				
How To Operate A Rope Signal Communication System	0:10				
How To Operate A Light Signal Communication System	0:05				
How To Operate A Tapping And Rapping Communication System	0:05				
How To Operate A Portable Radio Communication System	0:10				



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT:		CLASS DATES:			
SKILLS MODULE	Time Frame	Reference	Grade Code	Evaluating Inst # and Initials	Date
How To Operate A Hardwire Communication System	0:20	Chapter 11			
Hazard Control					
How To Lock-Out / Tag-Out an Electrical Equipment Switch	0:10	Chapter 6			
How To Lock-Out / Tag-Out An Electrical Circuit Switch	0:10				
How To Lock-Out / Tag-Out A Gate Valve	0:05				
How To Operate A Ventilation Fan	0:05				
How To Deploy Ventilation Ducting	0:05				
How To Deploy A Manhole Saddle Vent	0:05				
How To Perform Positive Pressure (Supply) Ventilation	0:05				
How To Perform Negative Pressure (Exhaust) Ventilation	0:05				
How To Perform Combination Ventilation	0:05				
How To Perform Local Supply Ventilation	0:05				
How To Calculate Ventilation Air Exchanges	0:10				
Atmospheric Monitoring					
How To Perform Instrument Start-Up	0:05	Chapter 5			
How To Determine The Instrument Target Gases	0:10				
How To Bump Test The Instrument	0:10				
How To Check The Peaks On The Instrument	0:05				
How To Clear The Peaks On The Instrument	0:05				
How To Perform Remote Sampling	0:10				
How To Use A Conversion Chart To Assess Flammability	0:10				
How To Perform Instrument Shut-Down	0:05				
High Point Anchor Systems					
How To Construct And Operate A Ladder Gin	0:40	Chapter 10			
How To Construct And Operate A Ladder "A" Frame System	0:50				
How To Set-Up And Operate A Tripod System	0:45				
How To Operate Cable And Winch Systems	0:15				

TOTAL SKILLS HOURS 14:00

COMMENTS:



CONFINED SPACE RESCUE TECHNICIAN

STUDENT TASK BOOK

STUDENT:		CLASS DATES:			
CONFINED SPACE ENTRY MODULE	Time Frame	Reference	Grade Code	Evaluating Inst # and Initials	Date
Confined Space Entry					
Confined Space Rescue – Vertical Entry	16:00	N/A			
Confined Space Rescue – Horizontal Entry					
Confined Space Rescue – Tapered Cross Section					
Confined Space Rescue – In-Pipe					
Confined Space Rescue – Non-Entry					
Written Exam					
Successful Completion Of Written Exam(s)	N/A	N/A			

TOTAL ENTRY HOURS: 16:00

COMMENTS:

DRAFT

EVALUATOR

Name: _____
 Dept: _____
 Phone: _____

The above named student:

Successfully completed all performance standards
 Was not able to complete certain portions of the performance standard and additional guidance is required.

Evaluator's Signature: _____ Date: _____

COMMENTS:

