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# RESCUE SYSTEMS 3

## STRUCTURAL COLLAPSE TECHNICIAN

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### STUDENT TASK BOOK

The Rescue Systems 3 Student Task Book lists every requirement that will be evaluated. Each student's performance will be observed and recorded by the instructor. The grades will then be evaluated and the instructor will determine if the student successfully met the performance standards for this course and should be issued a course completion certificate.

The Rescue Systems 3 Student Task Book allows the instructor to record a student's performance for both technical and manipulative jobs. These evaluations are made by observing the student's participation in the classroom and their manipulative performance at each skill station.

### TASK BOOK HEADINGS

Student:	Enter your name.
Course Dates:	Enter the beginning and ending dates of the class.
Course Location:	Enter the location of the class.
Grade Code:	Pass / Fail
Evaluating Instructor:	The evaluating instructor enters their first initial and last name.
Date:	The evaluating instructor enters the date the student was evaluated.
Module:	Lists the module name and the technical and manipulative performance requirements by topic.

The student and instructor agree that the student adequately completed skills practice and/or review, or has observed all the skills. Said student also understands that his/her competency will be in direct relation to the amount of time he/she devotes hereafter to skills practice and further training with these skills.

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<b>Student:</b>	<b>Course Dates:</b>		
<b>Course Location:</b>	<b>Grade Code</b>	<b>Evaluating Instructor</b>	<b>Date</b>
<b>SHORING</b>			
Demonstrate the proper use of pneumatic shores			
Understand how to construct a spot shore			
Construct a vertical shore			
Construct a horizontal shore			
Understand how to construct a widow shore			
Understand how to construct a door shore			
Construct a raker shore			
Understand how to construct a sloped floor shore on an earth surface			
Understand how to construct a sloped floor shore on a hard surface			
Understand how to perform a proper center punch test			
Understand the proper use of a powder actuated nail gun			
Complete online training for the powder actuated nail gun (certification only)			
Demonstrate the proper use of the powder actuated nail gun (certification only)			
Demonstrate proper safety techniques			
<b>COMMENTS:</b>			

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<b>Student:</b>	<b>Course Dates:</b>		
<b>Course Location:</b>	<b>Grade Code</b>	<b>Evaluating Instructor</b>	<b>Date</b>
<b>BREAKING / BREACHING / CUTTING / BURNING</b>			
Demonstrate the proper use of the concrete coring tool			
Demonstrate the proper use of the hydraulic concrete breaking / breaching system			
Demonstrate the proper use of the hydraulic rotary saw			
Demonstrate the proper use of the hydraulic chain saw			
Demonstrate a bevel cut for a "lift out"			
Demonstrate the proper use of the hydraulic breakers			
Demonstrate breaching concrete while suspended by a rope system			
Identify safety concerns when breaching concrete			
Demonstrate the proper use of the oxy/acetylene cutting torch			
Demonstrate the proper use of the oxy/gasoline cutting torch			
Demonstrate the proper use of the exothermic cutting torch			
Demonstrate the proper technique for a piercing/plunge cut with the cutting torch			
Demonstrate the proper technique for a line cut with the cutting torch			
Demonstrate the proper technique for cutting a tensioned cable or wire rope			
Demonstrate proper safety techniques			
<b>COMMENTS:</b>			

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<b>Student:</b>	<b>Course Dates:</b>		
<b>Course Location:</b>	<b>Grade Code</b>	<b>Evaluating Instructor</b>	<b>Date</b>
<b>LIFTING / MOVING</b>			
Demonstrate the ability to accurately calculate load weights			
Demonstrate the use of levers to lift and move an object			
Demonstrate the use of pipes as rollers			
Demonstrate the use of wood timbers as rails			
Demonstrate the use of an inclined plane			
Demonstrate the construction, limitations, and use of different types of crib beds			
Demonstrate the use of pulleys for mechanical advantage and change of direction			
Construct a heavy lifting "A" Frame Gantry			
Demonstrate the use of proper staffing and commands			
Install a concrete wedge anchor and attach a swivel hoist ring			
Demonstrate proper safety techniques			
<b>COMMENTS:</b>			

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<b>Student:</b>	<b>Course Dates:</b>		
<b>Course Location:</b>	<b>Grade Code</b>	<b>Evaluating Instructor</b>	<b>Date</b>
<b>CRANES / RIGGING</b>			
Demonstrate the ability to accurately calculate load weights			
Demonstrate a wire rope safety inspection			
Properly attach a wire rope single leg on a load			
Properly attach a wire rope single basket hitch on a load			
Properly attach a wire rope single chocker on a load			
Demonstrate a nylon sling safety inspection			
Properly attach a synthetic sling single basket hitch on a load			
Properly attach a synthetic sling chocker on a load			
Demonstrate the use of a shackle to connect to a load			
Demonstrate crane hand signals			
Demonstrate proper safety techniques			
<b>COMMENTS:</b>			