

MODULE 3 – BREACHING-BREAKING-CUTTING-BURNING

Student _____

Agency _____

Date and Location of Course: _____

Instructor: Under Column "Date Performed or Observed". Instructor or student must put both the date and skill, and either a "P" for performed or an "O" for observed. Student must then initial the appropriate column to the right. If the instructor believes that although the student has performed the skill he/she is still inadequate because of lack of skill or practice, he/she should indicate under "Remarks" after discussion with the student. Both must sign and date the bottom of the record in order to make it valid.

Skills	Date Performed Observed (P/O)	Student	Instructor
Identify types of concrete			
Identify pre-stressed concrete			
Identify post-tensioned concrete			
Differentiate between tension, shear and compression			
Identify types of reinforcement in concrete			
Identify types of tools used in breaking concrete			
Identify safety concerns when breaching concrete			
Correctly calculate the weight of a concrete slab			
Identify what support tools are needed for breaching			
Demonstrate proper application of wetting diamond blade			
Identify difference between wet & dry cut diamond blades			
Demonstrate relief cuts			
Demonstrate a bevel cut for "lift out"			
Demonstrate a step cut			
Demonstrate a stitch cut breach			
Demonstrate a dirty breach			
Demonstrate bolting for a "lift out"			
Demonstrate proper use of rotary saw			
Demonstrate proper use of rotary hammer			
Demonstrate proper use of breakers			
Demonstrate proper set up of exothermic torch			
Demonstrate proper use of exothermic torch			
Demonstrate piercing cut with exothermic torch			
Demonstrate line cut with exothermic torch			
Trouble shoot exothermic torch			
Demonstrate proper set up of oxy/acetylene/mapp torch			
Demonstrate piercing cut with oxy/acetylene/mapp torch			
Demonstrate line cut with oxy/acetylene/mapp torch			
Trouble shoot oxy/acetylene/mapp torch			
Describe technique for cutting post-tensioned cables			
Demonstrate cutting tensioned cable or wire rope			
Demonstrate set up of Stanley hydraulic system			
Trouble shoot Stanley Hydraulic system			
Demonstrate proper technique for plunge cut			

The student and instructor agree that the below-signed student adequately completed skills practice and/or review: or has observed all the above 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 wit these skills. Said student must successfully perform all skills to be recognized as a Structural Collapse Technician.

Instructor Signature: _____

Date: _____

Student Signature: _____

Date: _____

