

Structural Collapse Technician Breaching-Breaking-Cutting-Burning Check List

Technician _____ Agency _____

Individuals that have been qualified as a Structural Collapse Rescue Technician are required to maintain their skill level and must complete the following list of performance objectives over a two year period.

Breaching-Breaking-Cutting-Burning Skills	Date Performed	Evaluator
Identify types of concrete		
Identify pre-stressed concrete		
Identify post-stressed concrete		
Differentiate between tension, shear and compression		
Identify types of reinforcement in concrete		
Identify types of tools used in breaching concrete		
Identify safety concerns when breaching concrete		
Correctly calculate the weight of a concrete slab		
Identify what support tolls are required for breaching		
Demonstrate proper application of wetting diamond blades		
Identify difference between wet & dry cut diamonds blades		
Demonstrate relief cuts		
Demonstrate a bevel cut for a 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 a rotary saw		
Demonstrate proper use of a rotary hammer		
Demonstrate proper use of breakers		
Demonstrate proper set up of an exothermic torch		
Demonstrate proper use of an exothermic torch		
Demonstrate piercing cut with an exothermic torch		
Demonstrate line cut with an exothermic torch		
Trouble shoot an exothermic torch		
Demonstrate proper set up of a oxy/acetylene/MAPP torch		
Demonstrate piercing cut with a oxy/acetylene/MAPP torch		
Demonstrate line cut with a oxy/acetylene/MAPP torch		
Trouble shoot a oxy/acetylene/MAPP torch		
Describe technique for cutting post-tensioned cables		

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Demonstrate cutting tensioned cable or wire rope		
Demonstrate set up of the Stanley Hydraulic system		
Trouble shoot the Stanley Hydraulic system		
Demonstrate proper technique for plunge cut		
Trouble shoot Rail saw (Stanley)		
Trouble shoot breakers (Stanley)		
Demonstrate proper use of bolt cutters		
Demonstrate proper use of whizzer saw		
Demonstrate proper use of Huskie Rebar Cutter		
Demonstrate proper use of the DS-11 Diamond Chainsaw		
Trouble shoot chainsaw, replace and tighten blade		
Demonstrate proper use of a core drill		
Trouble shoot core drill		

The Program Managers signature certifies that the listed objectives were met by the above Structural Collapse Rescue Technician.

Technician Signature _____ Date _____

Evaluator Signature _____ Date _____

Program Manager Signature _____ Date _____