



Harger Ultraweld Exothermic Certification Quiz 6.2023

Your Name (First and Last – how your name will appear on your certificate)	Date
Full Company Name (Please do not use abbreviations)	
Job Title	
Email Address (Required to receive confirmation of certification and certificate)	Would you like to join Harger’s monthly email list? Yes No
Trainer Name (First and Last)	
Trainer Company Name (Please do not use abbreviations) Sales Marketing Group Inc.	

		True	False
1	Molds do not need to be heated prior to their initial use.		
2	Creating an exothermic connection using UltraShot takes half the time compared to using traditional pour-in style weld metal.		
3	Exothermic connections are considered temporary.		
4	Molds should be inspected prior to use and replaced if found to have excessive wear, cracks, and/or chips that allow weld metal to leak out.		
5	When making an exothermic connection it is important to support all the components involved in the welding process to ensure they do not move.		
6	To keep the conductors from burning, conductors should be sprayed with water prior to making an exothermic connection.		
7	The chemical reaction created when making an exothermic connection occurs at approximately 400° Fahrenheit.		
8	Molds will last longer using the UltraShot weld metal in place of traditional pour-in style weld metal.		
9	A DRONE using a fully charged Milwaukee® battery will ignite between 1,100 - 1,500 connections on a single charge.		
10	All connections should contain less than 20% slag.		
11	Wearing protective equipment is not required when making exothermic connections.		
12	Molds should be cleaned between each use.		
13	Only one of the buttons on the DRONE needs to be pressed when creating a connection.		
14	After closing the mold and locking the handles, inspecting that the mold is completely closed and there are no gaps is important.		
15	Exothermic connections are 90% preparation and 10% execution.		
16	The molds should be cleaned with a stiff wire brush.		
17	The size of the UltraShot cartridge does not matter, as long as it fits in the mold, it will still make a good connection.		
18	Following the supplied instructions on conductor placement in the mold is important to ensure a quality connection.		
19	Exothermic connections stick to galvanized surfaces without removing the galvanized coating.		
20	Creating an UltraShot connection is safer than that of traditional Pour In exothermic connections.		