Hazcon Inc. is a consulting engineering company that provides a full suite of services in the areas of equipment design, certification, system integration and training for hazardous locations equipment. Our primary focus is on helping you prepare your products to be certified for North American as well as international certifications.

The main purpose of this document is to get some details from you so we can customize a training package for you. In order for training to be effective, it must address your goals and objectives; it must meet the needs of those in attendance; it must be relevant; and it must have an impact.

Five (5) steps to determine your training goals:

Step 1– Knowledge of Hazardous Area Classification Systems
Hazardous Area Classification Systems: • Zone system: Zone 0, Zone 1 and Zone 2/ Zone 20, Zone 21, and Zone 22 • Class-Division system: Class I & II, Division 1 – and Class I and II, Division 2
How familiar are you with ***area classification systems***? (The goal is to identify the Class/division and/or Zone that applies to your product)
Comment:
Step 2 – Knowledge of the nature and likelihood of hazardous materials
Hazardous materials: • Explosive gases: i. Group A or IIC (Acetylene) ii. Group B or IIB+ H2 (Hydrogen) iii. Group C or IIB (Ethylene) iv. Group D or IIA (Propane) • Explosive dusts: i. Group E or IIIC (Conductive dusts) ii. Group F or IIIB (Non-conductive dusts) iii. Group G or IIIA (Combustible flyings)
How familiar are you with ***hazardous materials***? (The goal is to identify hazardous materials that will present on final installation)

Comment:
Step 3– Knowledge of Certification Systems
Hazardous location certification systems: • IECEx • ATEX • North America (CA/US)
How familiar are you with ***hazardous location certification systems***? (The goal is to decide which certification/multiple certifications to seek)
Comment:
Step 4– Knowledge of Protection Techniques and their Use
Hazardous location Protection Techniques: • Intrinsic safety • Explosion proof • Non-arcing & non-sparking • Purging and pressurization • Increased safety • Encapsulation • Oil-immersion • Protection by enclosure (for dust only) • Enclosed Break • Powder filled • Optical Radiation
How familiar are you with **hazardous location protection techniques**? (The goal is to select the protection technique(s) that will be required for your product)

Comment:
Step 5– Knowledge of Temperature Groups (T1, T2, T3, T4, T5 and T6)
T-classes: • T1:450°C • T2:300°C • T3:200°C • T4:135°C • T5:100°C • T6: 85°C
How familiar are you with **hazardous location temperature classes**? (The goal is to select the temperature class that will be required for your product)
Comment:

Client Authorizing Signature	
Company:	
Date:	
Name:	
Title:	
Signature:	