

# Certificate of Compliance

**Certificate:** 1453042

**Master Contract:** 217878

**Project:** 1453042

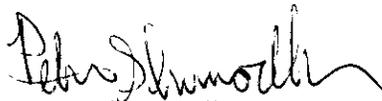
**Date Issued:** 12 September 03

**Issued to:** Spartek Systems  
1 Thevenaz Industrial Trail  
Sylvan Lake Alberta T4S 2J6  
CANADA  
**Attention:** Mr. Kenton Smith

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



**Issued by:** Richard Masek

**Authorized by:**   
Peter Schimmoeller  
Manager Certification Services

## PRODUCTS

**2258-03 – PROCESS CONTROL EQUIPMENT** -- Intrinsically Safe and Non Incendive Systems - For Hazardous Locations

**2258-83 – PROCESS CONTROL EQUIPMENT** -- Intrinsically Safe and Non-Incendive Systems-For Hazardous Locations-Certified to U.S. Standards

### **Class I, Division 1, Groups A,B,C,D;**

SS6010A-abcd-e-f-gh Well Head Pressure Recorder, battery powered, T3A

SS6050-abcd-e-f-gh Well Head Pressure Recorder with wireless transmitter, battery powered. T3A

Where a = temperature channels: 0, 3 or 6  
b = pressure channels: 1 or 2  
c = battery type: L  
d = number of enclosure covers: 1 or 2  
e = pressure range: 103, 152, 302, 602 or 751  
f = max temperature: two digit numeric, e.g. 60  
g = data polarity: 0, N or P  
h = low temperature: two digit numeric, e.g. 25

**NOTE 1:** Certified only with 3.6 Vdc Battery Packs: p/n 2EXL4151S or 2EXL4151

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI U.I. Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

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**NOTE 2:** As a condition of certification, connections may not be made to the RS-232 communication port when the Recorder is in the hazardous location unless the area is known not to be hazardous.

### APPLICABLE REQUIREMENTS

- |                                     |   |
|-------------------------------------|---|
| CAN/CSA-C22.2 No. 157-92            | - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.  |
| CAN/CSA-C22.2 No. 1010.1-92 (R1999) | - Safety Requirements for Electrical Equipment  |
| CAN/CSA-C22.2 No. 1010.1B-97        | - Amendment 2 to CAN/CSA-C22.2 No. 1010.1-92  |
| TIL No. I-29B                       | - Process Control Equipment in extended environments (> 40 °C)  |
| FM3610 October 1999                 | - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, & III, Division 1, and Class I, Zone 0 & 1 Hazardous (Classified) Locations |
| ISA S82.02.01-1999                  | - Safety Standard for Electrical and Electronic Test, Measuring, Controlling, and Related Equipment – General Requirements                                  |

### MARKINGS

- Company identification or Master Contract Number (217878);
- Model number;
- Serial number;
- Hazardous locations designation;
- CSA Monogram;
- Temperature code rating;
- The symbol “Exia”;
- The words “INTRINSICALLY SAFE”;
- Reference to installation instructions;
- Maximum working pressure (MWP).
- WARNING - EXPLOSION HAZARD - USE ONLY CERTIFIED SPARTEK BATTERY PACKS.
- WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.
- WARNING - DO NOT CONNECT EXTERNAL CABLE TO SERIAL INTERFACE IN A HAZARDOUS LOCATION.
- WARNING - READ AND UNDERSTAND MANUAL BEFORE OPERATING. (May be in manual) (or equivalent warnings)

## *Supplement to Certificate of Compliance*

Certificate:

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1453042	12 Sept 2003	Original Certification of Models SS6010A and SS6050 Recorders as intrinsically safe for Class I, Division 1.