

# Certificate of Compliance

**Certificate:** 1042426 (LR 78055-2)

**Master Contract:** 154402

**Project:** 1297703

**Date Issued:** April 25, 2002

**Issued to:** Minco Products Inc.  
7300 Commerce Lane  
Minneapolis, MN 55432  
USA

**Attention:** Mr. Dave Wilson

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:**

E. Klier, P. Eng.

**Authorized by:**

Nick Alfano  
Operations Manager

## PRODUCTS

**CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations**

Class I, Groups B, C and D; Class II, Groups E, F and G:

- CH105 Junction Box
- RTD Assembly CH105/FG118/S series Electrical Rating 30VRMS/60V dc/700mA
- TC Assembly CH105/FG118/TC series Electrical Rating 10V dc/100mA
- Transmitter Assembly CH015/FG118/ S or TC series/TT series  
Electrical Rating 36V dc/30mA

Class I, Div. 1, Groups B, C and D; Class II, Groups E, F and G; Type 4:

- CH107 Junction Box
- RTD Assembly CH107/FG118/S series  
(Alternate Marking AS5180 or AS5181 series)  
Electrical Rating 30VRMS/60V dc/700mA
- TC Assembly CH107/FG118/TC series  
(Alternate Marking AS5185 or AS5186 series)  
Electrical rating 10V dc/100mA
- Transmitter Assembly CH107/FG118/S or TC series/TT series  
(Alternate Marking AS5190 series)  
Electrical Rating 36V dc/30mA

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**CSA INTERNATIONAL**

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**Class I, Div. 1, Groups B, C, D; Class II, Div. 1, Groups E, F, G; Type 4X:**

- CH342 or CH343 Junction Box
- RTD Assembly CH342 or CH343/FG118/S Series, Electrical Rating 30V rms, 60V dc, 700mA
- TC Assembly CH342 or CH343/FG118/TC Series, Electrical Rating 10V dc, 100mA
- Transmitter Assembly CH342 or CH343/FG118/S or TC Series/TT Series, Electrical Rating 36V dc, 30mA

**Class I, Div 1, Groups B, C, D; Class II, Div 1, Groups E, F, G; Type 4X:**

- RTD Assembly AS53\_1, AS53\_3, AS53\_5, AS54\_1, AS54\_3, or AS54\_5 Series, Electrical Rating 30V rms, 60V dc, 700mA
- TC Assembly AS53\_1, AS53\_3, AS53\_5, AS54\_1, AS54\_3, or AS54\_5 Series, Electrical Rating 10V dc, 100mA
- Transmitter Assembly AS53\_1, AS53\_3, AS53\_5, AS54\_1, AS54\_3, or AS54\_5 Series, Electrical Rating 36V dc, 30mA

**Class I, Div 1, Groups B, C, D; Class II, Div 1, Groups E, F, G; Type 4:**

- RTD Assembly AS53\_2, AS53\_4, AS53\_6, AS54\_2, AS54\_4, or AS54\_6 Series, Electrical Rating 30V rms, 60V dc, 700mA
- TC Assembly AS53\_2, AS53\_4, AS53\_6, AS54\_2, AS54\_4, or AS54\_6 Series, Electrical Rating 10V dc, 100mA
- Transmitter Assembly AS53\_2, AS53\_4, AS53\_6, AS54\_2, AS54\_4, or AS54\_6 Series, Electrical Rating 36V dc, 30mA.

### **APPLICABLE REQUIREMENTS**

- |                   |           |   |
|-------------------|-----------|---|
| CSA Std C22.2 No. | 30-M1986  | - Explosion-Proof Enclosures for Use in Class I Hazardous Locations |
| CAN/CSA-C22.2 No. | 94-M91    | - Special Purpose Enclosures  |
| CSA Std C22.2 No. | 142-M1987 | - Process Control Equipment   |

### **MARKINGS**

- Company name
- Model number
- Serial number
- Electrical rating
- Hazardous location designation
- CSA Monogram