



**QPS Evaluation Services Inc**  
**Testing, Certification and Field Evaluation Body**  
**Accredited in Canada, the USA, and Internationally**

File LR 1608-1
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**CERTIFICATE OF COMPLIANCE**  
**(ISO TYPE 3 CERTIFICATION SYSTEM)**

Issued to	ABB AS	
Address	Ole Deviks vei 10 NO-0666 Oslo NORWAY	
Project Number	LR 1608-1	
Product	ABB Ability™ Smart Sensor	
Model Number	Smart Sensor xCHC	
Marking	<b>Marking for Canadian requirements:</b> X = H or B Ex ia IIC T4 Ga,  CI I, Div 1, Gr A, B, C and D T4 CI II, Div 1, Gr E, F and G T4 CI III, Div 1 $-40^{\circ}\text{C} \leq T_{\text{Amb}} \leq +85^{\circ}\text{C}$	<b>Marking for USA requirements :</b> CI I, Zn 0, AEx ia I Ma CI I, Zn 0, AEx ia IIC T4 Ga Zn 20, AEx ia IIIC T157°C Da CI I, Div 1, Gr A, B, C and D T4 CI II, Div 1, Gr E, F and G T4 CI III, Div 1 $-40^{\circ}\text{C} \leq T_{\text{Amb}} \leq +85^{\circ}\text{C}$
Ratings	Battery powered 3.6Vdc	
Applicable Standards	<u>CANADA</u> CAN/CSA C22.2 No. 60079-0 2015 CAN/CSA C22.2 No. 60079-11 2011 CAN/CSA C22.2 No. 61010-1 2010	<u>USA</u> ANSI/UL 60079-0 7 <sup>th</sup> Ed ANSI/UL 60079-11 6 <sup>th</sup> Ed ANSI/UL 61010-1 2012
Factory/Manufacturing Location	ABB AS Ole Deviks vei 10 NO-0666 Oslo NORWAY	

**Statement of Compliance:** The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: D. Adams, P Eng

Signature:

Date: August 25<sup>th</sup>, 2020