



AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: ABB Inc
Address: 843 North Jefferson Street
Lewisburg, WV 24901
Country: USA
Contact: Mr. F Scott Kiddle
Phone: (304) 647-1760
FAX: (304) 645-1862
Email: scott.kiddle@us.abb.com

Manufacturer: ABB Inc
Address: 843 North Jefferson Street
Lewisburg, WV 24901
Country: USA
Contact: Mr. F Scott Kiddle
Phone: (304) 647-1760
FAX: (304) 645-1862
Email: scott.kiddle@us.abb.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Cortland, NY

Control Number: 4002985

Authorized by: 
for William T. Starr, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
165 Main Street, Cortland, NY 13045
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699



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CSA C22.2 No. 142, Process Control Equipment, Issued 1987/05/01, Reaffirmed 2009/08/18

CSA C22.2 No. 30, Explosion-proof Enclosures for Use in Class I Hazardous Locations, Issued 1986/11/01, Reaffirmed 2012

CSA C22.2 No. 157, Intrinsically Safe and Non-incendive Equipment for Use in Class I Hazardous Locations, Issued 1992/01/01, Reaffirmed 2012

CSA C22.2 No. 213, Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations, Issued: 1987/03/01, Reaffirmed 2008

NFPA 496, Purged and Pressurized Enclosures for Electrical Equipment, Issued 2007/12/31, 2008 Version

Standard(s): ANSI/ISA 12.12.01, Nonincendive Electrical Equipment for Use in Class I and II, Division 1 and 2, and Class III, Division 1 and 2 Hazardous (Classified) Locations, Issued 2012/07/09

UL 1203, Explosion-proof and Dust-Ignition-Proof Electrical Equipment for Use in Class I Hazardous (Classified) Locations, 4th Edition, Issued 2006/09/15, Revised 2009/10/28

UL 913, Intrinsically Safe Apparatus and Associate Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations, 7th Edition Issued 2006/07/31, Revised: 2011/09/23

UL 916, Energy Management Equipment, 4th Edition, Issued 2007/12/17, Revised 2012/03/12

Product: Process Gas Chromatograph with Isothermal Oven, PGC Series
Class I, Division 1, Groups BCD, with Type X or Y purge, or
Class I, Division 2, Groups BCD, with Type Z purge, or
Class I, Division 2, Groups BCD
Temperature Code: T2, T3, or T4 (PGC5007, and Airless Oven not acceptable for T4)
Operating Ambient: 0°C to 50°C

Brand Name: Smart Oven

Models: PGC5000B, PGC5000C, PGC5007