

# Approvals Quick Reference Guide

## Country Specific Ordering Options

Bently Nevada\* Asset Condition Monitoring

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### Document Summary

This reference guide represents an overview of all country-specific approvals available for customer order listed by product.

- 1. Approval Options in Use**  
An overview of each country code option, with appropriate markings and requirements.
- 2. Quick Reference by Product**  
A quick reference table by product type and part number to identify which country-specific approvals are available to order.

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### Approval Options In Use

This section defines the different approval ordering options currently available on Bently Nevada products. Each approval type outlines the product marking. This general information may vary slightly from product to product. To determine whether or not a particular approval type is available on a specific product, see See "Multi-Approvals" on page 3 section in this document.




#### -00 for No Hazardous Area Approvals

'No Approvals' implies that the product will not need to be installed into a hazardous area. The product may still include General Safety and EMC Compatibility certifications from a variety of regions. At present, -00 options include a majority of the required markings and can generally be ordered globally. Notable exceptions are countries that require additional metrology or passport information (i.e. Russia). Space issues on products may also require that multiple non-hazardous rating options are created.

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	<b>European Union ("CE Mark")</b>	Required on a majority of Bently Nevada products to indicate that the product meets all regulations (non-hazardous area).
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	<b>South Korea ("KC Mark")</b>	The KC Mark is required for some products indicating general safety in South Korea similar to the CE mark above. Not all products will have a KC Mark on a -00 label due to a lack of a certificate, no need from an approvals perspective, or lack of space on the label.
	<b>Unites States &amp; Canada ("CSA Mark")</b>	Very few Bently Nevada products require a CSA Mark indicating general safety. It is included on the -00 label when required. This mark is not to be confused with See "CSA Hazardous Area Approvals for North America" on page 2 markings.
	<b>Australia ("C-Tick")</b>	This approval information may or may not be present on a product ordered with option -00. Very few products require this marking.

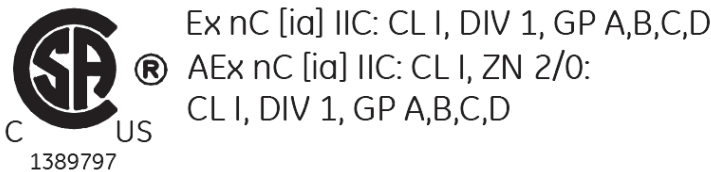
## CSA Hazardous Area Approvals for North America

### Ordering Options

Many products have various dash options for CSA approvals (commonly -01). These approvals are only valid for installations in North America and parts of Central and South America.

### Marking Details

Product marking will be indicated by the CSA Mark as well as hazardous area information. For example:



## ATEX/IECEx Hazardous Area Approvals for the European Union and International

### Ordering Options

Some products have an ordering option for isolated ATEX/IECEx marking, but generally it is included through a See "Multi-Approvals" on page 3 label. ATEX/IECEx information applies to installation in the European Union (EU) and most other international countries (notable exceptions are: North America, parts of South America, and countries listed in Country Specific Approvals)

## Marking Details

Product marking will be indicated by the CE Mark, Ex Mark, and hazardous area information. For example:



II 3 (1) G Ex nA nC [ia Ga] IIC T4 Gc  
 DNV 14 ATEX 4991X  
 IECEx DNV 14.0023X







## Multi-Approvals

Multi-approval labels are special labels (typically -05 or -02) that include both CSA hazardous and ATEX/IECEX markings. A multi-approval label can be selected for North America, parts of South America, the EU, and international countries not listed in Country Specific Approvals. Historically multi-approval labels might have included country specific approval information; due to space constraints on the product we are splitting out into different country specific approval options

## Country Specific Approvals

Several countries/regions require additional marking and information beyond CSA, ATEX/IECEX, or even multi-approvals. These countries have been allocated their own dash options. If the final installation of the product will be in one of these regions/countries, this option MUST be selected in lieu of the options outlined above.

Dash Option	Sample Marking	Countries Effected	Brief Description
-BR		Brazil	"BR" provides ATEX/IECEX and Brazilian INMETRO hazardous area marking. All products installed in Brazilian hazardous areas must be ordered with "-BR"
-CN		China	"CN" provides ATEX/IECEX and Chinese NEPSI hazardous area marking. All products installed in Chinese hazardous areas must be ordered with "-CN"
-IN	No logo required, only certificate information	India	"IN" provides ATEX/IECEX and Indian PESO/CCOE hazardous area marking. All products installed in Indian hazardous areas must be ordered with "-IN"
-JP	No logo required, only certificate information	Japan	"JP" provides ATEX/IECEX and Japanese Hazardous Area, TIIS, marking. All products installed in Japanese hazardous areas must be ordered with "-JP"

-KR		South Korea	"KR" provides ATEX/IECEX and Korean KTL hazardous area marking. All products installed in Korean hazardous areas must be ordered with "-KR"
-R0		Non-Hazardous Area - Russia, Kazakhstan, Belarus, Armenia, Kyrgyzstan	"R0" provides generic "-00" markings (i.e. the CE mark) and EAC Mark for general safety. A separate technical passport document is shipped to the customer. This document includes: Russian DoC for General Safety, EMC/EMI requirements, and Pattern Approval for Metrology Certificate. All product installed in Russia, Kazakhstan, Belarus, Kyrgyzstan, or Armenia must either have R0 Non-Hazardous or RU Hazardous options selected.
-RU		Hazardous Area - Russia, Kazakhstan, Belarus, Armenia, Kyrgyzstan	"RU" provides ATEX/IECEX and CUTR hazardous area marking (formerly GOST). A separate technical passport document is shipped to the customer. This document includes: Russian DoC for General Safety, EMC/EMI requirements, and Pattern Approval for Metrology Certificate. All product installed in Russia, Kazakhstan, Belarus, Kyrgyzstan, or Armenia must either have R0 Non-Hazardous or RU Hazardous options selected.
-U0		Ukraine Metrology	"U0" provides generic "-00" markings (i.e. the CE mark) and Ukrainian marking for general safety. A separate technical passport document is shipped to the customer. This document includes: Ukrainian DoC for General Safety, EMC/EMI requirements, and Pattern Approval for Metrology Certificate. Not all products installed in Ukraine have these approvals. Order it when available.
-UA		Ukraine Hazardous Area & Metrology	"UA" provides ATEX/IECEX and Ukrainian hazardous area marking. A separate technical passport document is shipped to the customer. This document includes: Ukrainian DoC for General Safety, EMC/EMI requirements, and Pattern Approval for Metrology Certificate. Not all products installed in Ukraine have these approvals. Order it when available.
-TW		Taiwan	"TW" provides ATEX/IECEX and Taiwanese TS hazardous area marking. All product installed in a Taiwanese hazardous area must be ordered with "-TW"

-ZA	No logo required, only certificate information	South Africa	"ZA" provides ATEX/IECEX and South African SABS hazardous area marking. All product installed in a South African hazardous area must be ordered with "-ZA"
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**NOTE:** The certificates and ratings do not have to be in a specified location on the label under certain circumstances. If the product is small, space has to be taken into account. As long as the correct certifications and ratings are printed, the label is valid.