








Market	Solution	Regional Information
<b>International</b>		NRTL marks are still recognized and accepted in countries around the world as confirmation of third party certification to explosion protection and safe area requirements. Safe Area Requirements include the risks from fire, electric shock and personal injury hazards
	IECEX	The IECEX system is intended to facilitate international trade for equipment and services used in explosive, space. Third party certification under the IECEX system only addresses explosion protection requirements
<b>North America</b>		The NRTL mark is recognized and is accepted in the USA. The certification market based on OSHA and ANSI accreditation
<b>Canada</b>		The NRTL mark is recognized under accepted in Canada. Certification marking is based on Canadian standards
<b>Gulf of Mexico – US Oil &amp; Gas</b>	 IECEX	This region of the world accepts NRTL division/zone based certification. Certification is mandated by CFR (Code of Federal Regulation) and API (American Petroleum Institute) installation codes the market is regulated by BSEE and USCG.
<b>Offshore Vessels – IMO Code</b>	IECEX	International Shipping vessels with potentially explosive atmospheres use international codes to aid harmonization.
<b>Brazil</b>	InMetro	InMetro ordinance 179-201 sets the rules for electrical and electronics equipment to be used in hazardous locations. To sell products in Brazil, manufacturers need to apply for this certification
<b>Mexico</b>		Division based certifications are widely accepted
<b>EU/EFTA</b>	ATEX	The ATEX directive ensures the free movement of goods throughout the EU and FT here by harmonizing compliance procedures for explosion protected equipment. The European Union must fully comply with the air text directive. European directive 2014/34/EU
<b>UK</b>	UKCA UKEX	UKCA Issued 'EX' Certificates will be mandated in the UK for products that previously required ATEX Notified Body Certification. Requires a UK approved bodies will be able to issue the appropriate certificates needed for entry to the GB market using the designated UK List of approved Standard (BS).
<b>Eurasian Economic Union</b>	EAC	The EAC mark is a product marking to indicate that explosion protective products conformed to all technical regulations of the Eurasian economic union assessment procedures including TR CU012/2011
<b>South Africa</b>	SANAS	An IECEX certificate may be used to obtain local SABS or M ASC certification
<b>Saudi Arabia</b>	SASO	Certificate of conformity C of C issued by an authorized certification body provides entrance into Saudi Arabia based on IECEX system.
<b>China</b>	CNEX NEPSI	Chinese certification is required in order to gain access for Ex products to the People's Republic of China. ATEX and IECEX and associated test reports can be used to obtain a Chinese certification
<b>Japan</b>	TIIS	The certification label for equipment in Japan indicates conformity to TIIS certification. A test report issued by an IECEX ExCB will be accepted in accordance with the IECEX system rules. The term of validity of TIIS certificates of Ex equipment is three years
<b>Taiwan</b>	TS Mark	The safety label for Ex equipment in Taiwan indicates conformity to Taiwan national standards (CNS) and completion of official registration scheme by the Ministry of Labor, in the Taiwan government. It is currently the mandatory requirement that all the excrement is required to acquire safety level prior to importation, sales, distribution, installation or operation in Taiwan
<b>Korea</b>	KC Mark	The safety level for Ex equipment in Korea indicates conformity to Korean national standards (KS) and completion of the official registration scheme by the Ministry of Labour Korean government. It is currently the mandatory requirement that all Ex equipment shall require safety label prior to importation - to sell, distribute, install or operate in Korea.
<b>Singapore</b>	IECEX	IECEX can be used
<b>Australia / New Zealand</b>	IECEX	IECEX certification may be used as a basis for the local certification (ANZEx Scheme)

### Radical Ingenuity Group

On demand expertise for legacy engineering systems through to industry 4

Product, System and Enterprise support from Ideation through Certification to End of Life

Global Hazardous Location (Ex) Specialists for 35 years

radicalingenuity.com

nrtl.us

findyourcert.com

radical-learning.com



Call Now : +1 346 412 79-14 - email: mark@radicalingenuity.com