



## EC Declaration of Conformity

The Manufacturer      ABB Oy  
Strömbergintie 1 B  
FIN-00380 Helsinki, Finland

The Products            3-phase squirrel cage induction machines, series HXR, AMA and  
AMI, as listed on page 2, are in conformity with the provisions of  
the following Council Directives:

- **ATEX Directive 94/9/EC**

In respect of the machine category the harmonised standards can be one or more of the following standards: EN 60079-0:2009, EN 60079-2:2007, EN 60079-7:2007, EN 60079-15:2010 and EN 60079-31:2009.

In respect of the machine category the state of the art standard can be the following standard EN 60079-0:2006, EN 60079-15:2005, EN 61241-0:2006 and EN 61241-1:2004.

- **Machinery Directive 2006/42/EC**

The designing of the machines, considered as partly completed machinery, complies with the essential health and safety requirements of Machinery Directive, provided that the installation be correctly realized by the manufacturer of the machinery (e.g. in compliance with our installation instruction and standard EN 60204 Part 1 and Part 11 as applicable).

Helsinki, 10. October, 2011

ABB Oy



Tatu Järvenpää

Vice President  
Induction Machines

ABB Oy

The product: 3-phase squirrel cage induction machine, series HXR, AMA or AMI

Machine type, IEC frame size	Group & Category, Temperature Class, Protection Type	Certificate issued by Manufacturer or Notified Body
HXR 315 - 560	II 2 G Ex e II T1-T3 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 2 G Ex px(e) II T1-T4 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 3 G Ex pz(e) II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 G Ex nA II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 D Ex tc IIIB T120°C IP55 <sup>2)</sup>	ABB or ExNB: VTT <sup>1)</sup>
AMA 400 - 500	II 2 G Ex e II T1-T3 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 2 G Ex px(e) II T1-T4 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 3 G Ex pz(e) II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 G Ex nA II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 D Ex tc IIIB T120°C IP55 <sup>2)</sup>	ABB or ExNB: VTT <sup>1)</sup>
AMI 400 - 630	II 2 G Ex e II T1-T3 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 2 G Ex px(e) II T1-T4 <sup>3)</sup>	ExNB: VTT <sup>1)</sup>
	II 3 G Ex pz(e) II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 G Ex nA II T1-T4 <sup>3)</sup>	ABB or ExNB: VTT <sup>1)</sup>
	II 3 D Ex tc IIIB T120°C IP55 <sup>2)</sup>	ABB or ExNB: VTT <sup>1)</sup>

<sup>1)</sup> ExNB: VTT Expert Services Oy (537), Kivimiehentie 4A, Espoo, Finland

<sup>2)</sup> Degree of protection (IP-Codes) has been specified in standard EN 60034-5. Minimum requirement for IP-codes are presented in table.

<sup>3)</sup> Gas groups A, B or C

## ABB Oy

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