

EU Declaration of Conformity

Document No.: **100-100-230**

Manufacturer: **Moore Industries-International, Inc.**
16650 Schoenborn Street
North Hills, CA 91343-6196, U.S.A.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: **Temperature Concentrator Module**

Model	Input	Output	Power	Housing	Directive	Certificate No.
TCM	*	HART	*	DIN	2014/30/EU	N/A
TCM	*	HART	15-30DC	DIN	2014/34/EU	FM10ATEX0054X
TCM	*	HART	15-42DC	DIN	2014/34/EU	TCM-TF001

* Indicates any input and power as stated in the product data sheet.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation and certifies compliance with the indicated directives.

Provisions of the ATEX Directive fulfilled by the Equipment:

Certificate No.	Marking	Notified Body
FM10ATEX0054X	II 1G Ex ia IIC T4 @ 85°C / T5 @ 40°C	FM 1725
TCM-TF001	II 3G Ex nA IIC T4 @ 85°C / T5 @ 40°C	See Additional Information

The following harmonized standards and/or technical specifications have been applied:


Directive	2014/30/EU	Electromagnetic Compatibility (EMC)
Standard : Date	EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use

Directive	2014/34/EU	Equipment and protective systems for potentially explosive atmospheres (ATEX)
Standard : Date	EN 60079-0:2006	Explosive atmospheres - Part 0: Equipment - General requirements
	EN 60079-11:2007	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety 'i'
	EN 60079-15:2005	Explosive atmospheres - Part 15: Equipment protection by type of protection 'n'
	EN 60079-26:2007	Explosive atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga

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Directive	2011/65/EU	Restriction of Hazardous Substances (RoHS)
Commission Delegated Directive	(EU) 2015/863	Amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
Standard : Date	EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Moore Industries International declares that the model listed above, to the best of its knowledge, conforms to the European Union's Restriction of Hazardous Substances Directive 2011/65/EU and Amending Annex II (EU) 2015/863 and will carry the label shown to indicate that the ten restricted substances listed below are present within the specified maximum concentration value by weight in homogeneous materials.

Restricted Substance	Maximum Concentration Value (%)	Label
Cadmium (Cd)	0.01%	
Lead (Pb)	0.1%	
Mercury (Hg)	0.1%	
Hexavalent Chromium (Cr[VI])	0.1%	
Polybrominated Biphenyls (PBB)	0.1%	
Polybrominated Diphenyl Ethers (PBDE)	0.1%	
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%	
Butyl benzyl phthalate (BBP)	0.1%	
Dibutyl phthalate (DBP)	0.1%	
Diisobutyl phthalate (DIBP)	0.1%	

Additional Information:

Conformity Assessment Procedure:
Internal Control of Production – ATEX Directive 2014/34/EU, Annex VIII (Module A).

Signed for and on behalf of:



Deanna Esterwold, Quality Manager
 for Quality Assurance:

North Hills, CA 19 July 2021
 Place and date of issue Notified Body

Notified Body for Quality Assurance:

Current: FM [Notified Body Number 2809] Approvals Europe Limited, 1 Georges Quay Plaza, Dublin, Ireland D02 E440.
Previous: FM [Notified Body Number 1725], 1 Windsor Dials, Windsor, Berkshire SL4 1 RS, UK.