

## **EC Declaration of Conformity**

Manufacturer : Superior Products Inc.

Address : USA

Machine Name : Magvibe Pro.

Declare that the product described above is in conformity with the relevant provisions of the following directives as amended.

Machinery Directive 06/42/EC
Low Voltage Directive 06/95/EC
EMC Directive 04/108/EC

The product has been tested and assessed by application of the following standards or specifications, and the National Laws and Regulations adopting these directives, details of which are contained in the Technical File CE14TF8022 and Explosion Protection Document CEM18TF8101.

Standard / Year Description

BS EN ISO 12100-1 Safety of machinery. Basic concepts, general principles for design. Basic terminology, methodology

BS EN ISO 12100-2 Safety of machinery. Basic concepts, general principles for design. Technical principles

BS EN 60204-1 Safety of machinery. Electrical equipment of machines. Specification for general requirements
BS EN 14121 Safety of machinery. Principles for risk assessment

BS EN 14121 Safety of machinery. Principles for risk assessment BS EN 1037 Safety of machinery. Prevention of unexpected start-up

BS EN 842 Safety of machinery. Visual danger signals. General requirements, design and testing

BS IEC 61000 Electromagnetic compatibility (EMC). Installation and mitigation guidelines. General considerations. BS EN ISO 4871 Acoustics. Declaration and verification of noise emission values of machinery and equipment

HSG170 Hard, Arm Vibration requirements

## HAND-ARM VIBRATION EXPOSURE CALCULATOR

Vibration	Exposure	Time to Reach EAV		Time to Reach ELV		Exposure			Partial	Γ	Partial
Magnitude	Points	2.5 m/s <sup>2</sup> A (8)		5 m/s <sup>2</sup> A (8)		Duration			Exposure		Exposure
n/s² r.m.s.	per hour	hours	minutes	hours	minutes	hours	minutes		m/s2 A (8)	L	Points
2	8	12	30	>24		10	30		2.3		84
٨	lagnitude		lagnitude Points 2.5 m/s l/s² r.m.s. per hour hours	lagnitude Points 2.5 m/s² A (8) per hour hours minutes	lagnitude Points 2.5 m/s <sup>2</sup> A (8) 5 m/s hours minutes hours	agnitude   Points   2.5 m/s² A (8)   5 m/s² A (8)   hours   minutes   hours   minutes	agnitude Points per hour Pours minutes bours minutes Dur.	agnitude Points Points per hour Pours minutes Pours minutes Pours minutes	agnitude Points Points per hour Pours minutes Pours Po	agnitude Points per hour Points hours minutes bours minutes Duration Exposure m/s² r.m.s. Duration hours minutes m/s² A(8)	agnitude Points 2.5 m/s² A (8) 5 m/s² A (8) Duration Exposure hours minutes hours minutes m/s² A (8)

 Certificate of Assurance
 :
 CEM18MD8101
 Dated
 : 10/10/2018

 Assessment Report
 :
 CEM18AR8101
 Dated
 : 10/10/2018

Responsible Person : Scott Brening

Signature

Position in Company : Dated : 10/10/2018

Compliance with the Harmonised European Standards listed here gives a presumption of conformity to the relevant EU Directives noted in the Technical File, CEM18TF8101 for this product held by the Manufacturer and their Authorised Representative.







