



## DO YOU KNOW?

*VSHOOTER® ISO STANDARD settings – How it works?*

SYNERGYS TECHNOLOGIES has included the last vibration ISO STANDARD (ISO 10816:2009) settings in the VSHOOTER®.

ISO STANDARD settings are useful to evaluate the (2)10-1000 Hz RMS velocity vibration (mm/s) importance a machine can have.





For rotating machines, there are two ISO STANDARD settings:

**ISO 10816-3** for electrical motor, fan, blower, bearing housing...

> **Group1** for large machine (>300kW), **Group2** for small and medium (<300kW); **R&F** settings for rigid, flexible foundation.

**ISO 10816-7** for centrifugal rotodynamic pump

> **Category1** for critical machine, **Category2** for less critical machine; **L&H** settings for Low (<200kW), High (>200kW) power.

-  Vibration of newly commissioned machines
-  Acceptable for unrestricted long-term operation
-  Unsatisfactory for long term continuous operation
-  Vibration of sufficient severity to cause damage to machine



**SYNERGYS**  
TECHNOLOGIES

**VSHOOTER® NEWS**  
N°5 – 09/2016

**ISO STANDARD  
SETTINGS**

**ISO 10816-3  
ISO 10816-7**



**SYNERGYS TECHNOLOGIES**

Avenue du 8ème RG des Hussards  
Quartier Plessier-BAT 21  
68130 ALTKIRCH (France)  
T : +0033-389083272

www.synergys-technologies.com  
info@synergys-technologies.com