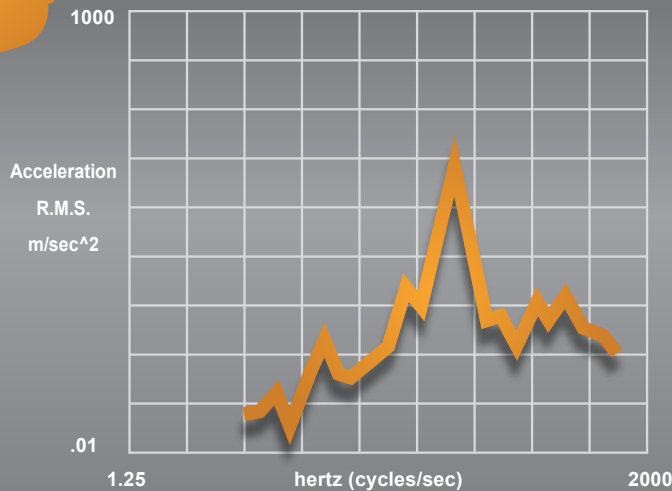
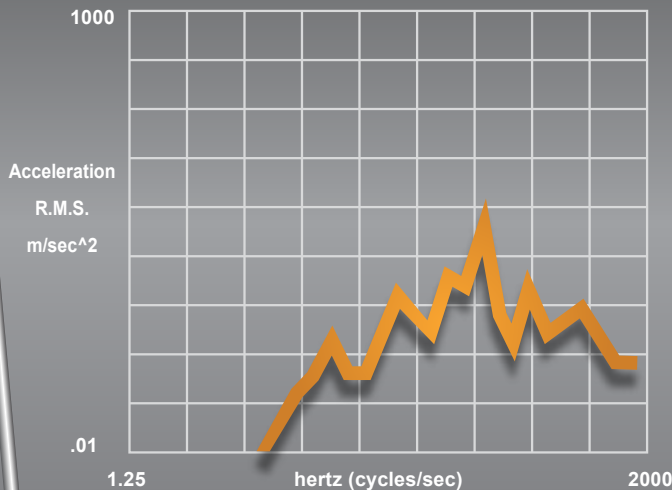


ISO Weighted Acceleration



ISO Weighted Acceleration, String Removed



Hand-Arm Vibration: Product Design Principles

Andrew H. Tudor, P.E.

*Editors Note: The following is an excerpt of a published paper that originally appeared in the **Journal of Safety Research, National Safety Council, Volume 27/Number 3/Fall 1996.***

Several engineering approaches are applied to the design of an exemplary landscaping trimmer in order to reduce vibration-induced health problems collectively known as hand-arm vibration syndrome. The control of vibration is first mechanically reduced at the source. The transmission path from tool to hand is then modified ergonomically in order to increase operator comfort and provide better control of the tool. The design objective is to reduce hand-arm vibration to NIOSH-recommended levels.

For additional resources and more information on this paper, please contact us at **Meridian One, Inc.**