BUSINESS CHALLENGE

Mitigating the effects of noise pollution on surrounding environments and vibrational impacts on people and structures has become an essential concern for all new and existing developments. Many activities are subject to local and international regulations which require organizations to control noise and vibration effects and to implement solutions for their improvement.

SOLUTION

Bureau Veritas’ acoustic and vibration specialists are active across a breadth of industries to help organizations mitigate risks and find innovative solutions for their improvement.

WHY CHOOSE BUREAU VERITAS?

- **Recognition** - Bureau Veritas is a worldwide leader in inspection and verification services. Our teams are involved in a number of working groups with the aim to develop and evolve noise and vibration regulations for government authorities.
- **Network** - Our 48,000 employees operate in more than 930 offices and 330 laboratories in 140 countries. The Bureau Veritas acoustics and vibration team employs over 100 consultants and engineers who work throughout the world and are knowledgeable on both international and local regulations.
- **Expertise** - Bureau Veritas has world-renowned experts in all of its industries. Our teams have international experience in many of the most significant acoustic and vibration projects today.
- **In-house resources** - Bureau Veritas benefits from having its own tools, software and expertise all in-house to meet your organization’s needs with personalized solutions.
OUR APPROACH

Bureau Veritas provides a complete range of services from regulation compliance to customized solutions to meet the specific needs of each client.

Below is a step by step description of a typical noise and vibration management process:

1. Introductory meeting - understand your challenges and issues
2. Development and implementation of a risk strategy plan
3. Measurement and analysis phase
4. Diagnostic / audit
5. Periodic monitoring

FAQ

What is the maximum level of noise expected at work?

Depending on the country, we consider that hearing is at risk starting at 80 dB(A) for a working day of eight hours. If the noise level is higher, exposure should be of a shorter duration. If the level is extremely high (above 135 dB(A)), any exposure, even for a very short duration, is dangerous.

In order to control this potential risk, you must identify, define and measure different sources of noise (e.g. machinery, tools, voice, etc.).

RELATED SERVICES

- Acoustic design review of industrial plant
- Assessment of occupational noise exposure & specification of noise control
- Assessment of occupational hand arm vibration resulting from powered hand tools and of whole body vibration exposure resulting from mobile vehicles
- Ergonomic assessment
- Chemical exposure monitoring
- Ventilation Performance measurement
- Air quality conditions (including bacteria, fungi, CO₂)

CONTACT

For details about this service, please contact Bureau Veritas

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FOR MORE INFORMATION

please visit:

- www.bureauveritas.com