



O JOB BASED

NS1 Workers Protection Module Workers exposure to noise and vibration

The workers protection module of Noise Studio is a powerful tool for noise and vibration risk assessment inside a company. With the implementation of the latest international regulations, automated and guided procedures, to the great versatility of use, Noise Studio highly speeds up the work of the consultant and allows to get reliable results without wasting time in the processes sometime complex. The processing functions of measures and profiles are intuitive and powerful allowing a full analysis of the sound phenomenon.

- In compliance with Dir. 2003/10/CE, Dir.2002/44/CE, EN ISO 9612/11, EN 458, UNI 9432/11
- Integrated noise and vibration data and measurements management
- Managing global data and time history (Profile)
- Masking functions for removal of abnormal events
- Management "task based" and "Job based" according to ISO 9612/11
- Management of homogeneous groups of workers
- Management of the sources constant, cyclical, fluctuating and impulsive with automatic recognition of the type of noise and automatic verification of the conformity to UNI9432/11
- Customizable PPE database
- Companies and workers database
- Machine database database link with Ispesl
- Import external database into excel or txt
- SNR, HML, OBM methods of calculation, PPE-u protection factor
- Double PPE Management Direct verification of the adequacy of the PPE

Coloured display of exceedances for an immediate evaluation. Summary table with

CARPENTERIA

FALEGNAMERIA

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OFFICINA Paolo Ceccherini

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2 MASTER DATA NOISE VIBRATION

LEx8h MAX [dB]

0.8 (1.8)

0.8 (1.8)

immediate representation of workers most at risk

- Both daily and weekly exposure
- Management of the extended uncertainties
- Automatic print of report and
- SLM direct parameters setup

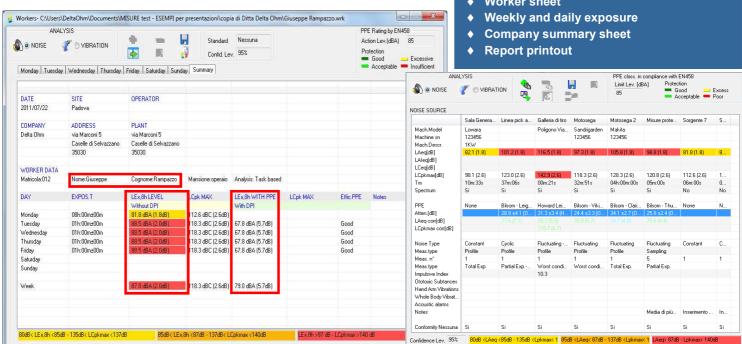


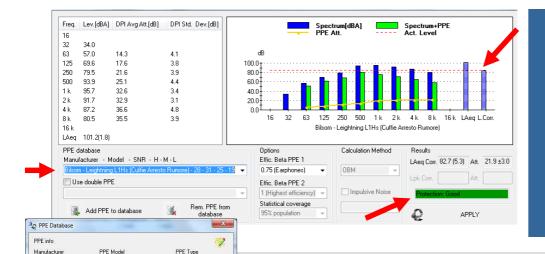
- Nessuna ▼ Regulations ISO 9612 LEw [dB] Lpk MAX [dB] LEx8h MAX [dB] Lpk MAX [dB] 118.3 (2.6) 67.8 (5.7) 79.0 (5.7) Accettabile 98.1 (2.6) 103.9 (7.4) Insufficiente
 - List of the machines

Select analysis type

TASK BASED

Worker sheet





PPE Management

- Real time attenuation display (PPE choice auxilium)
- **♦ Customizable PPE**
- PPE efficiency
- Double PPE management
- Wide database included
- Calculation methods SNR, OBM, HML (impulse)

🕯 NOISE 🍪 VIBRATION

WORKER MANAGER

OFFICINA.wrk

FALEGNAMERIA.wrk CARPENTERIA.wrk

Giuseppe Rampazzo.wrk Pierantonio Benvenuti.wrk Roberto Martinelli.wrk Matteo Bianchi.wrk Paolo Ceccherini.wrk Marco Ballarini.wrk

Worker Sheets

⊕ ♣ Meas. ⊕ ₩ Average Meas.

- Time Trace

Machine Sheets

🔼 In use PPE

Images

🖬 Other

Documents

MEASUREMENT UNCERTAINTY: measurement data are displayed including extended uncertainty and customizable coverage factor. The exended uncertainty includes instrument, positioning and sampling uncertainties according to ISO9612/11 standard



Cancel

Custom Mode

BILSOM

PROJECT data organization with all-in one tree structure. Direct access to significative data with a simple click. Possibility to include Word documents and pictures in the project for comprehensive data reporting.

Integrated Noise and Vibration data management



MEASURE Management

Noise Studio integrates time profile

data post-processing in the *NS1* Workers protection module with multiple masking function on time profiles. This function allows to exclude from calculation unwanted noise events

NS1 module allows also automatic identification of impulse noise and its characteristics (cyclic, stationary, fluctuating).

Distributor

Language: English, Italian

Software compatibility: Win98, 2000, Vista, XP, Win7 (32-64), Win8