



Hearing Conservation, NEMS and Dosimetry

COURSE: NR-15 – HEARING CONSERVATION, NEMS AND DOSIMETRY

SCOPE AND APPLICABILITY:

Meet the requirements of the Occupational Noise Regulations by giving the knowledge and skills to be classified to perform Occupational Risk Assessments. Subjects covered range from acoustics principles to noise problem identification and management. Practical elements are included to assist you in the task of measuring, assessing and reducing workplace noise exposure.

REGULATIONS & STANDARDS

- Decree 3.048/99 – Social Insurance;
- NR-09 – Occupational Risk Prevention Program;
- NR-15 - Annex 1 - Tolerance Limits for Continuous or Intermittent Noise;
- NR-15 - Annex 2 - Tolerance Limits for Impact Noise;
- NHO - 01 - Technical Procedure - Assessment of Occupational Exposure to Noise;
- NIOSH – 126 – Exposure to Occupational Noise;
- OSHA – 1910.95 – Exposure to Occupational Hazards.

COURSE CONTENT:

- Historical Evolution of Labor Legislation in Brazil;
- Hearing Protection Program;
- Technical Concepts of Sound;
- Applicable Legislation;
- Exposure Levels;
- Measuring Equipment;
- Evaluation Procedures;
- Difference between NR-15 and NHO-01;
- Noise Control Methods;
- Choice of Hearing Protection;
- Types of Hearing Protection;
- PPE Maintenance and Hygiene;
- Quality of Hearing Protection Sealing;
- Motivation and Training;
- Noise Measurement Example.

COURSE DESIGN:

TOTAL: 8 hours.

PREREQUISITE(S):

None.

MINIMUM/MAXIMUM NUMBER OF DELEGATES

This course requires a minimum of 1, and a maximum number of 12 trainees.

To offshore trainings, the course number of attendees will comply with the vessels/rig necessity.



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MAIN SAFETY ISSUES:

- Operation planning;
- Correct use of PPE;
- Assessment of noisy areas;
- Correct use of calibrated and certified equipment;
- Evaluation of measurement results.

CERTIFICATION:

Training certificate signed by responsible Engineer accredited by Brazilian CREA.

CERTIFICATE VALIDITY PERIOD:

Recommendable: 2 year(s).