

Case Study



Client

LUR

Sector

Manufacturing

Services

Exposure monitoring and noise assessments.

Project Overview

LUR is a joint venture between Lucchini RS Group of Italy and Unipart Rail Ltd, combining the wheel & axle machining and wheelset & gearbox overhaul capabilities in Manchester with the bogie overhaul & wheelset trading activities in Doncaster.

AEC's Approach

As a large manufacturer, health and safety is a key priority for the business and LUR are committed to maintaining safe and healthy working environments. They ensure occupational hygiene assessments are carried out on a regular basis to confirm their control measures are effective, to safeguard employees and to ensure compliance with the Regulations.

AEC have been working with LUR for over six years and have been involved in both occupational hygiene exposure monitoring and workplace noise risk assessment programmes at both Manchester and Doncaster locations.

The purpose of the workplace noise risk assessments was to measure the sound exposure levels to which operatives within various areas of the site were being exposed to, and to identify LUR Ltd's legal duties as an employer in accordance with noise regulations.

During the assessments AEC:

- Carried out spot measurements across all areas of the site in order to build up a picture of workplace noise levels during typical day to day operations. These included processes such as the operation of the wet and dry cutters, grinding and fettling, break down and assembly tasks, painting and machine shop activities, and many more.
- Undertook personal dosimetry sampling on a wide range of operatives across various areas of the site in order to calculate operatives daily exposures while they carried out their daily routines.
- Discussed the findings, observations, and recommendations of the assessments with the LUR Health and Safety team offering advice and guidance where required.

Alongside regular noise assessments, AEC have also supported LUR with regular occupational hygiene exposure monitoring programmes for a range of COSHH regulated substances.

Due to the nature of the business (stripping down, refurbishment and re-assembly of wheel sets and gear boxes etc.), operatives regularly carried out daily activities which either involved the use of COSHH regulated substances such as paints, solvents, and lubricants but also utilise powered hand-tools and operate fixed-plant which generate airborne contaminants such as metallic particulates, general nuisance dust and oil mists.

The main objective of the exposure monitoring programmes was to assess for a range of potential airborne contaminants, in order to determine if control measures were suitable and if exposure levels within localised areas / associated with individual activities were exceeding workplace exposure levels.

During the programme AEC:

- Carried out both personal and fixed-point exposure monitoring within various areas of the site for a range of potential airborne contaminants.
- Undertook monitoring across all shifts (including night shift periods) in order to assess any variations in exposure levels and operative working practices, while similar activities were being undertaken.
- Discussed the findings, observations, and recommendations of the assessments with the LUR Health and Safety team offering advice and guidance on how to achieve best practice, and how to continue to comply with the latest legislation.

AEC continue to support LUR with their compliance programme and deliver workplace noise assessments and occupational hygiene exposure monitoring on time and within budget to enable LUR to maintain high levels of compliance at all times.

Testimonial

“LUR were pleased with the fast and informative reaction to our queries, and the professional and efficient manner in which the assessments were conducted.

The occupational hygienists always carried out work in the most professional manner and have always accommodated our production schedules. ”

Rachel Marsh - H&S Coordinator

Contact

If you would like to discuss compliance within your workplace, please contact our team



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