

Complex COSHH Review & Noise Assessment

Protecting 50+ employees while keeping a busy production environment moving.

50+

EMPLOYEES COVERED BY THE REVIEW

Risks mapped, controls strengthened and practical PPE solutions introduced.

● THE CHALLENGE

Changes in compliance requirements meant the client needed a complete review of chemical handling, exposure controls and workplace noise across a live manufacturing operation.

● OUR SUPPORT

We mapped substances, tasks and noise sources, reviewed existing controls and built a practical action plan around the way the factory actually operated.

● THE OUTCOME

Staff received clearer protection and practical PPE solutions while production continued without unnecessary disruption or loss of efficiency.

This case study has been anonymised to protect client confidentiality.

Turning complex exposure risks into clear controls

The objective was safer work without introducing controls that slowed production unnecessarily.

THE CHALLENGE

Chemical and noise risks across a busy manufacturing environment

The firm employed more than 50 people working around multiple substances, production processes and noisy equipment. Existing information needed to be brought together into a consistent system so that managers could understand where the highest exposures were, which controls were effective and where further action was needed.

KEY PRIORITY Improve protection without creating impractical barriers to normal production.

Our approach

A structured review linking substances, tasks, exposure routes, noise sources and practical controls.

01 Substance and task mapping

We created a clear picture of where hazardous substances were used, who could be exposed and how each task was carried out.

02 COSHH control review

Existing handling, storage, engineering controls, housekeeping and PPE arrangements were reviewed against the risks identified.

03 Noise assessment

Key machinery and work activities were assessed so the client could distinguish higher-risk exposure areas from routine operations.

04 Practical PPE solutions

PPE and hearing protection recommendations were selected for the actual work environment, balancing protection, comfort and usability.

05 Action plan and reporting

Findings were translated into clear priorities, ownership and records that managers could use to demonstrate ongoing control.

Safer employees, clearer controls & uninterrupted production

The final system gave the client a practical route to manage exposure risks day to day.

Before and after

BEFORE

Fragmented exposure controls

- Chemical information spread across different records
- Unclear priorities for some exposure risks
- Noise controls not fully mapped to tasks
- PPE selection needed greater consistency

AFTER

Mapped and practical controls

- Risks mapped across substances, tasks and equipment
- Clearer priorities for control and follow-up
- Targeted hearing protection and PPE solutions
- Protection improved without slowing production

Protection that worked with production

The client gained practical controls that staff could follow without unnecessary operational disruption.

Business value delivered

- **Risk visibility**
Managers gained a consolidated view of chemical and noise risks, making priorities easier to understand and manage.
- **Practical compliance**
Controls were designed around real production activities rather than creating procedures that were difficult to use.
- **Workforce protection**
Targeted PPE and hearing protection provided a clearer and more proportionate response to the risks identified.
- **Operational continuity**
The review improved safety while helping the business maintain productivity and avoid unnecessary disruption.

Need help with COSHH or workplace noise?

Lloyd Health & Safety provides practical assessments and compliance support for manufacturing businesses, helping protect employees while keeping operations efficient and workable.