



10th & 11th
September
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Hosted by

BOHS
British Occupational
Hygiene Society

Making sense of LEV test reports (Workshop)

Your opportunity to work with the experts to understand LEV TExT reports, determine whether you are getting value for money and what these reports mean for you.

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LEV Workshop

REPORTS

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TExT reports

- ▶ Background - CoSHH
- ▶ Requirements
- ▶ Misunderstandings
- ▶ Some issues
- ▶ What now?

Requirements - CoSHH

- ▶ Q1. What do the Regulations require?
- ▶ Q2. To what does the 'Thorough examination & test' relate to?



Requirements - CoSHH

- ▶ A1. Where engineering controls are provided...ensure that thorough examination and tests...are carried out.

- ▶ CoSHH Reg.9(2)

Requirements - CoSHH

- ▶ The measures employed to control the hazardous substances to a level unlikely to result in a health risk for workers.

Methodology - CoSHH

- ▶ 3-stage approach

- ▶ 1...

- ▶ 2...

- ▶ 3...

Exercise

- ▶ Examples of real workplaces
 - ▶ A – woodworking
 - ▶ B - metal fabrication
 - ▶ C – GRP lay-up
 - ▶ D - Powder paint facility

Case 1 – Woodworking shop

- ▶ 12 machines
- ▶ 4 workers
- ▶ 1 multi-branch LEV system to all machines [some multi-hood limbs]
- ▶ **How would you assess?**



Case 2 – Welding benches

- ▶ 6 fans
- ▶ 2 angle-poise flexible duct limbs/fan
- ▶ All hoods elliptical cones
- ▶ Horizontal fillet welding
- ▶ **How would you assess effectiveness?**



Case 3 – GRP lay-up (domestic baths in open workshop)

- ▶ 4 workstations
- ▶ 2 workers/station
- ▶ Manual lay-up of sheet GF & liquid styrene resin
- ▶ Elliptical hoods (300mm) at one end of each bath
- ▶ **How would you assess & advise?**



Case 4 – Powder paint & cure

- ▶ Enclosed booth with 2 spray windows
- ▶ 1 worker/station
- ▶ Continuous carousel through curing oven @ 200°C
- ▶ Spray booth & bake oven
- ▶ **How would you assess & advise?**



Feedback



- ▶ Woodworking
- ▶ Welding
- ▶ GRP lay-up
- ▶ Powder paint line

Reporting - suggestions

- ▶ Overarching report (template)
- ▶ Table of systems included
- ▶ Summary
 - ▶ Systems that 'Pass'
 - ▶ Systems that 'Fail'
 - ▶ Repeat intervals
- ▶ Table of suggested retest dates

Reports

- ▶ Repro inclusions (?)
- ▶ Descriptions & identifiers
- ▶ Changes
- ▶ Diagrams & photos
- ▶ Exposure monitoring
- ▶ Errors, precision & accuracy
- ▶ PASS or FAIL

Reviewing reports

- ▶ BOHS guidelines
 - ▶ Roles & responsibilities
- ▶ Competency
 - ▶ Qualifications
 - ▶ Experience
 - ▶ Current

Sense Checks

- ▶ Reading sense
- ▶ Technical sense
- ▶ Practical sense
- ▶ General comprehension

Any questions

