



10th & 11th
September
2024

Hosted by



British Occupational
Hygiene Society

Your Part in the Puzzle

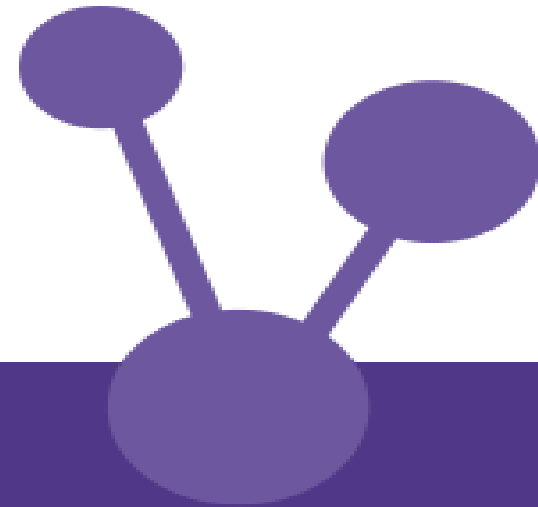
**Damien Eaves, BSc(Hons) DipOH,
CFFOH, MIOA, MWMSoc(Snr)
Chartered Occupational Hygienist**

Your Part in the Puzzle

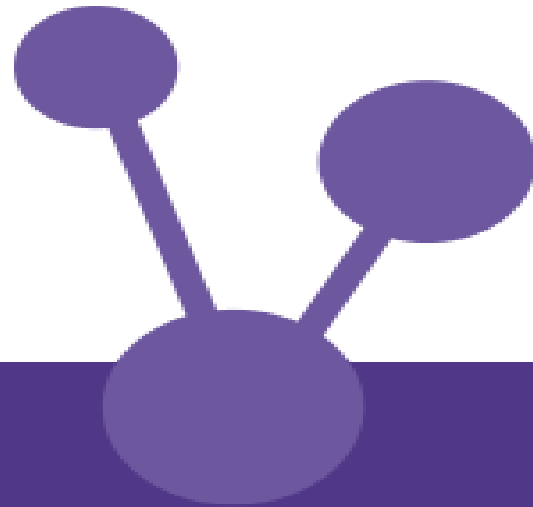
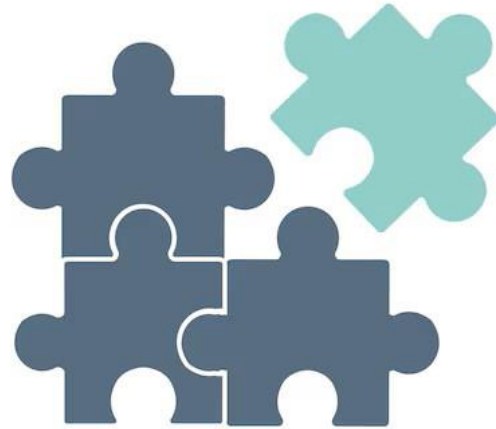
Damien Eaves

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Effective LEV implimentation



Owners / Purchasers



Often driven by ROI

Often don't understand what ROI actually would be

Better productivity

Less absenteeism

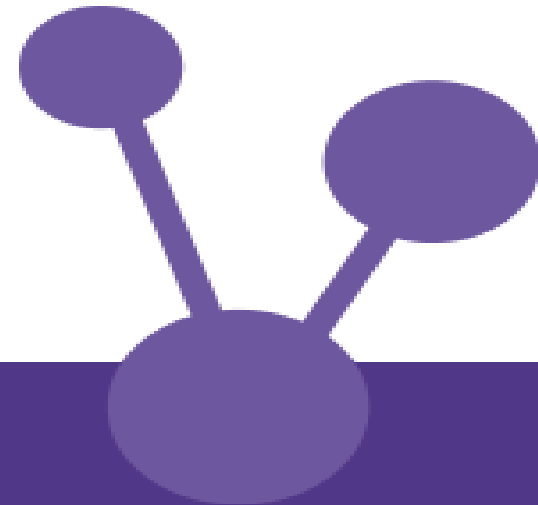
Fewer claims

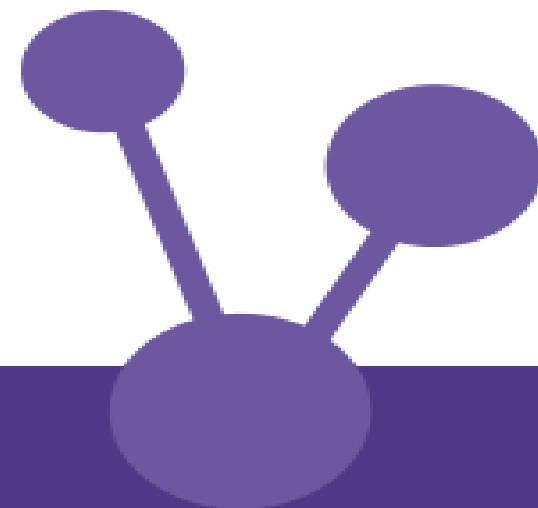
Better culture

Better working conditions

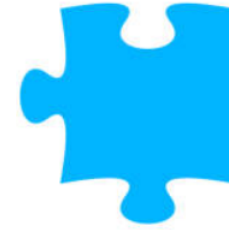
Selling point to client and competitors

Really like portable systems





Designers

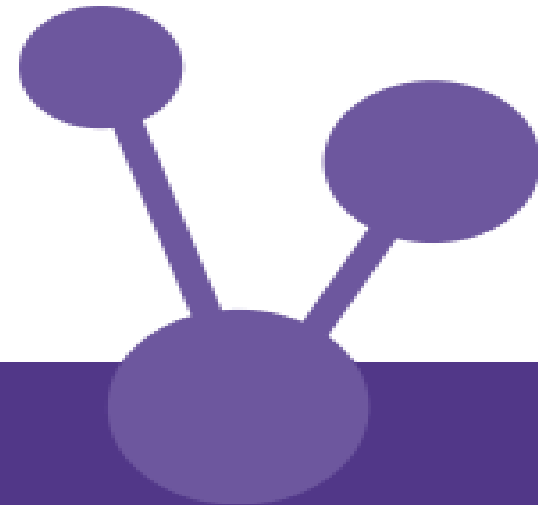


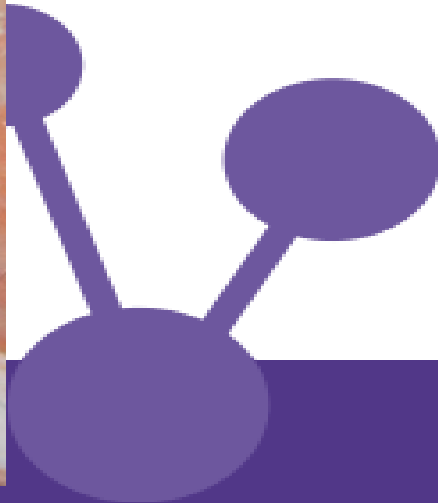
Various levels of competency and background

Off the shelf?

Designed to minimum standards....

Stuck in the office?







Installers



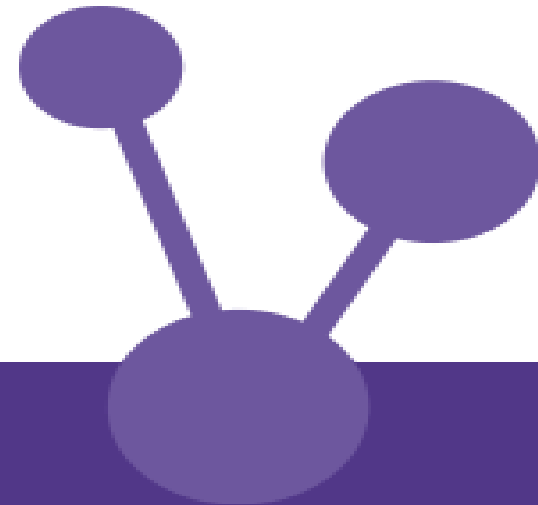
Variation of quality

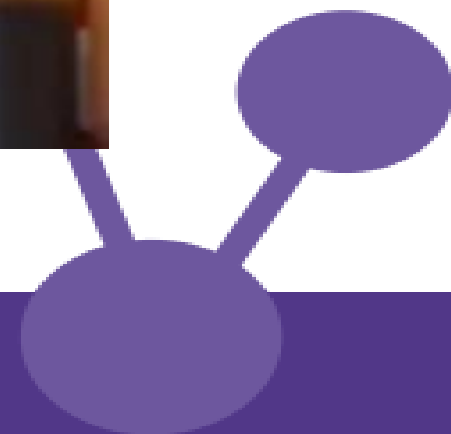
Has the system even been designed?

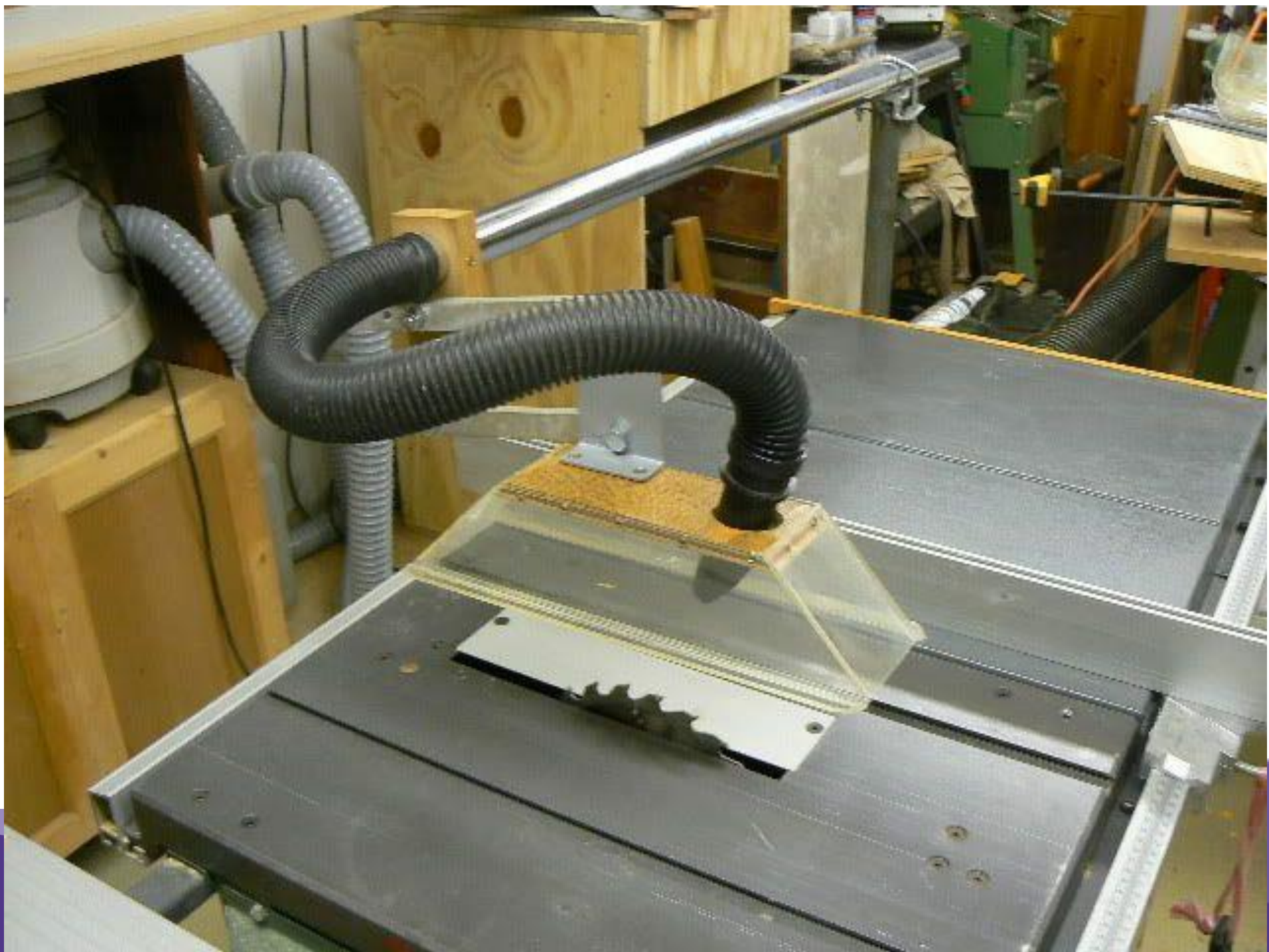
Leftover parts?

Testing and commissioning.

Training and maintenance requirements.







Testers



“Can I see the commissioning report?”

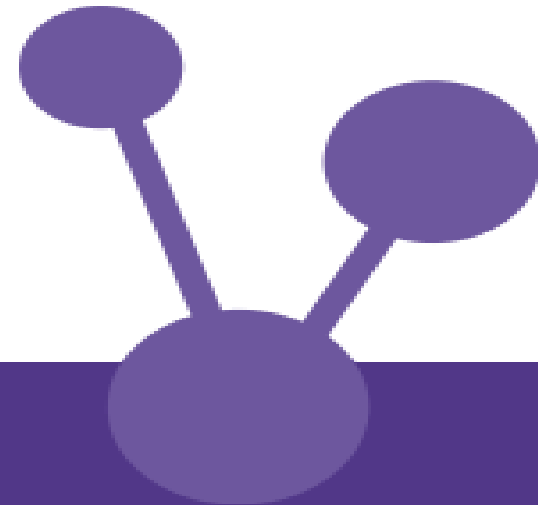


Understood in the industry many poor consultants

Driving competence ongoing challenge

ATEX / DSEAR / Exhaust emissions

Air monitoring



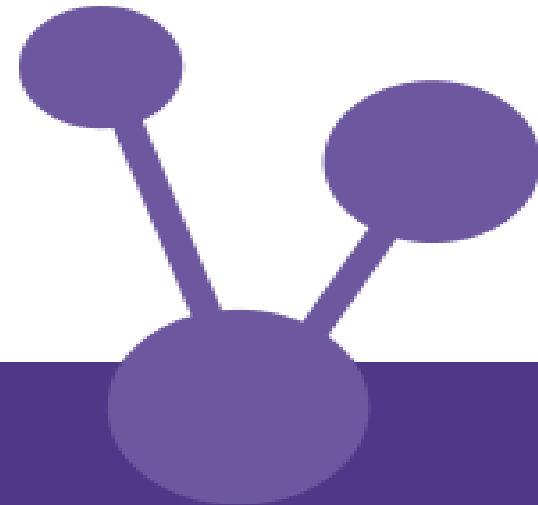
Testers



“Hood enclosed, and no test points present”

“Significant dust seen around LEV”

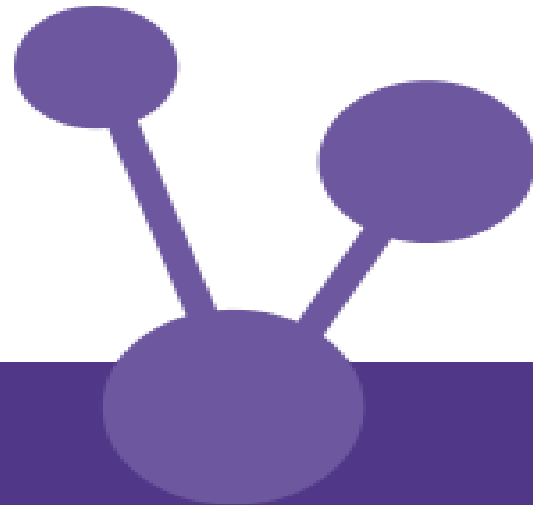
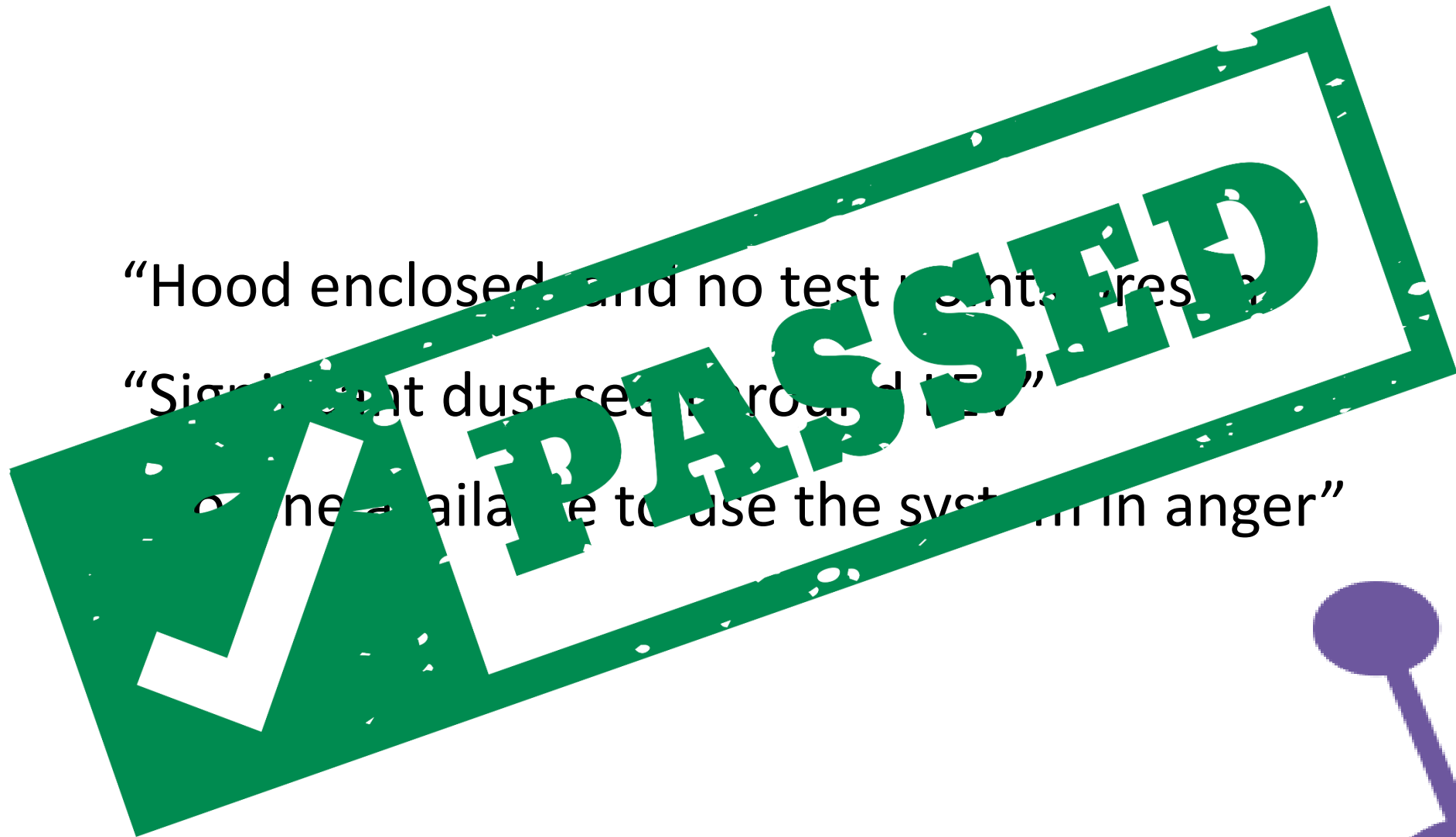
“No-one available to use the system in anger”



“Hood enclosed and no test results”

“Significant dust seen around the”

“...ne – available to use the system in anger”

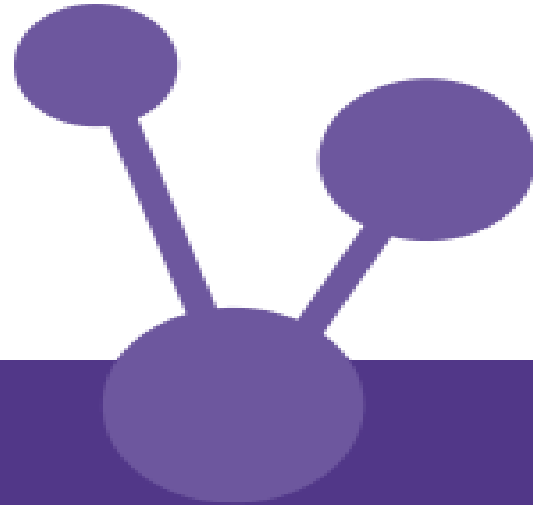


“Hood enclosed and no test result”

“Significant dust seen”

“One person in the system in anger”

With recommendations



Users / Supervisors



.....

“Just getting the job done”

Lack of training / understanding

Pre use checks

What logbook?

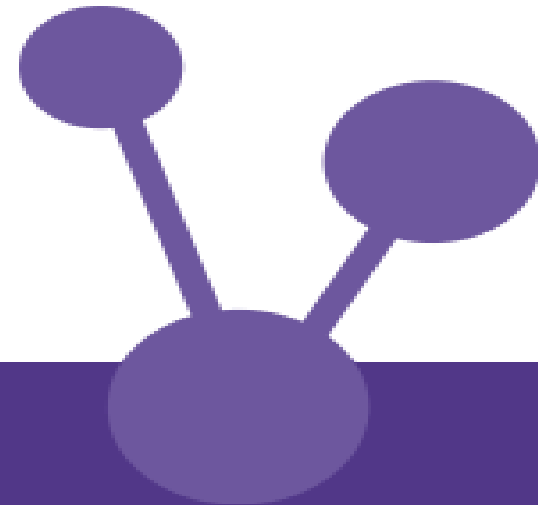
Secondary exposures – clearing up

They like compressed air lines

They don't like emptying LEV bins

They don't report damage

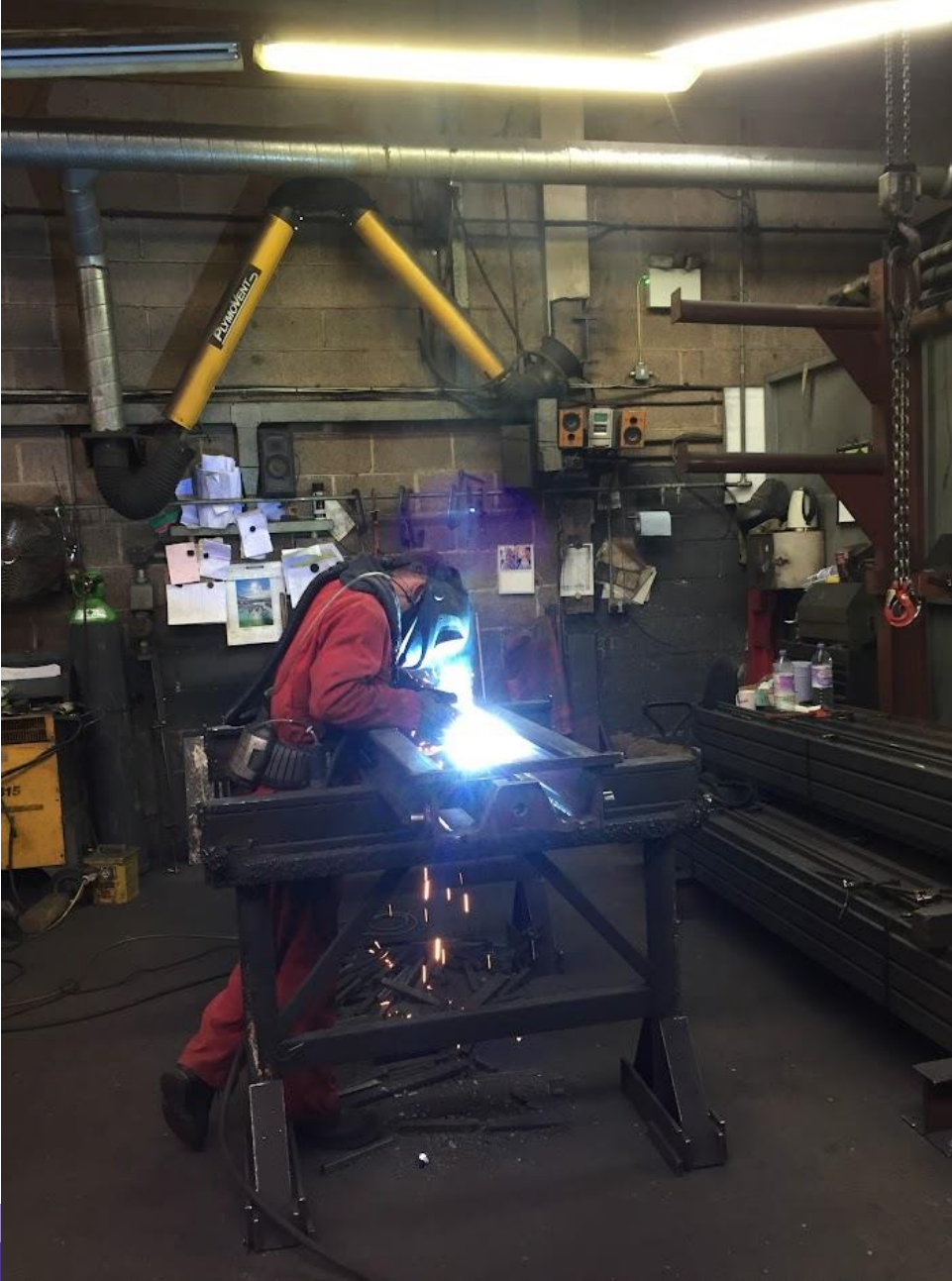
They don't follow instructions!

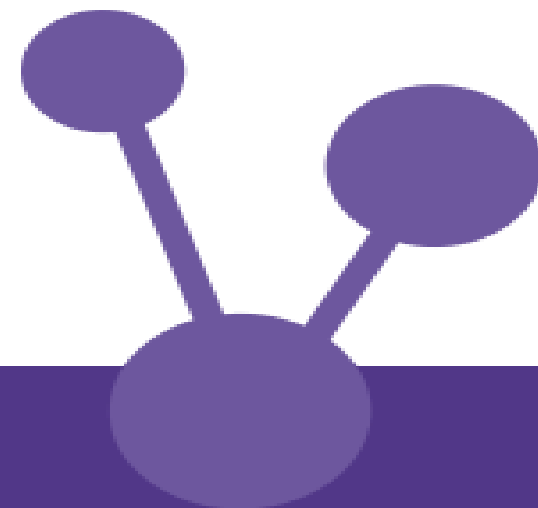


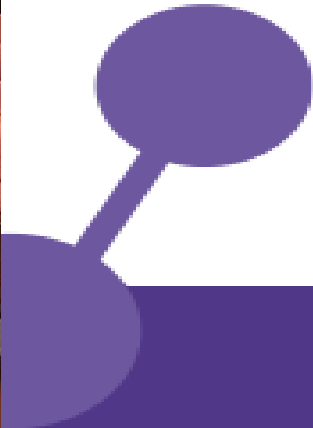
PLEASE KEEP THE WINDOW SHUT.

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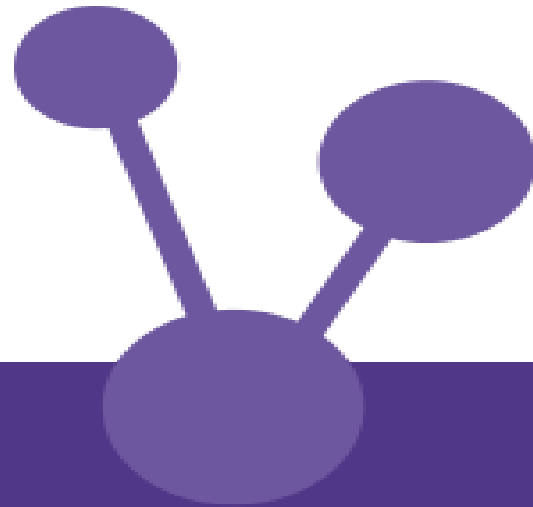
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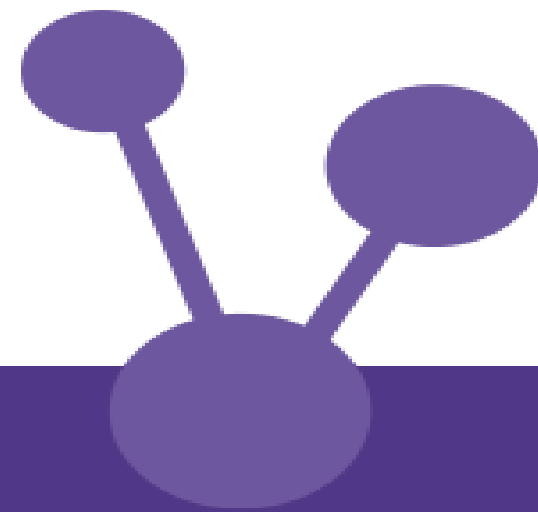






“LEV MUST be used when decanting Acetone”





H&S Advisors



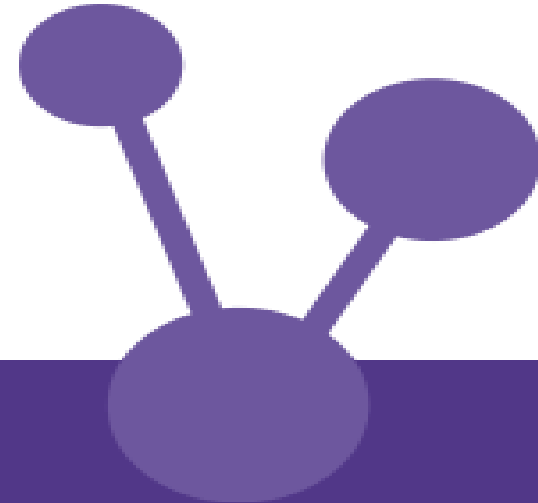
How many LEV systems in the UK?

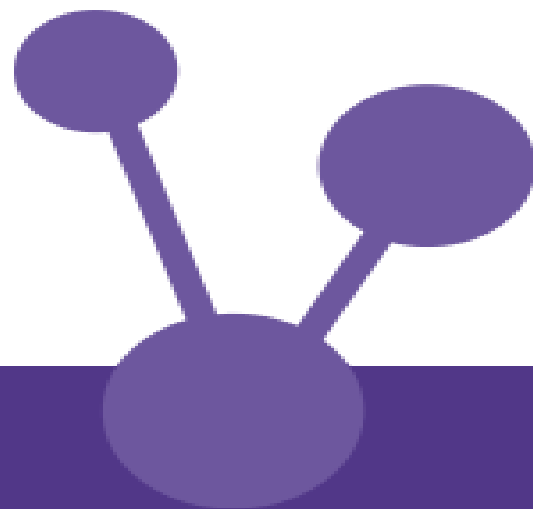
How many are tested – properly?

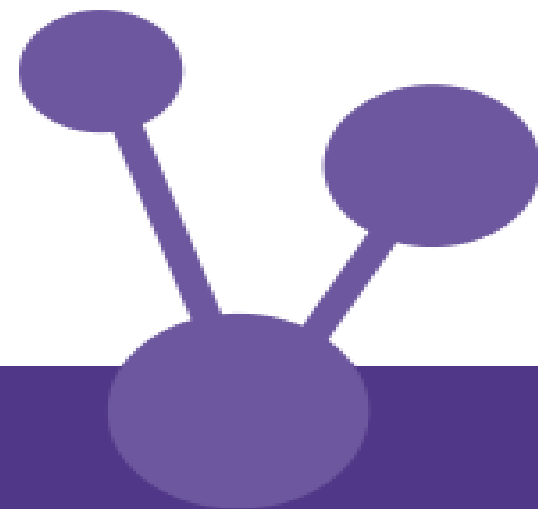
Can H&S professionals do more to close the gap?

It is a difficult position, often juggling compliance and expectations.

Many times been asked to take measurements to demonstrate the need for LEV....







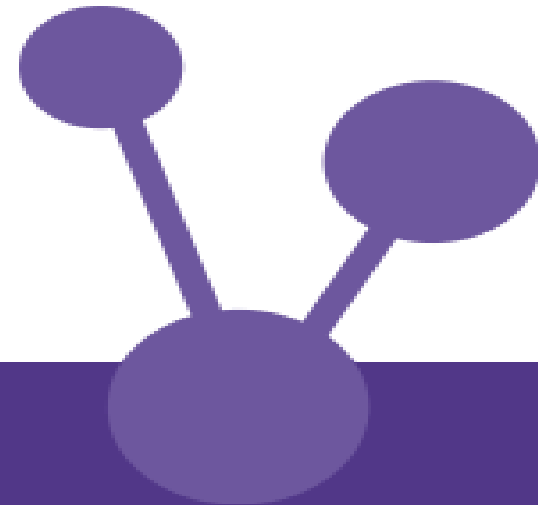
Occupational Health

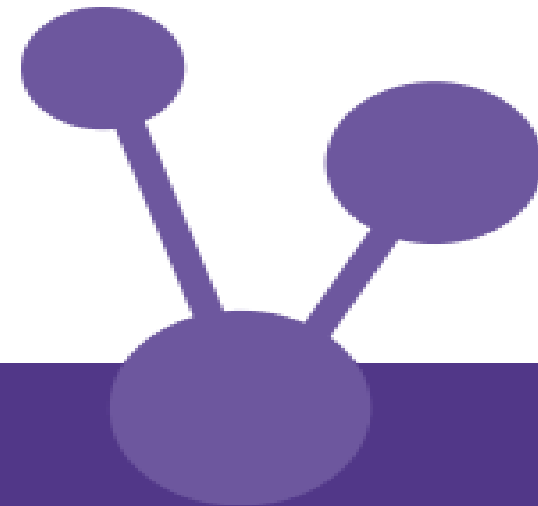


Often overlooked as a part of solution

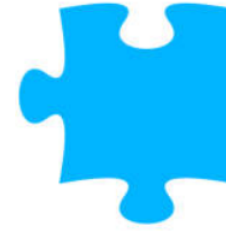
Welding fume / Wood dust – spirometry

Positive feedback controls working – or not





Maintenance



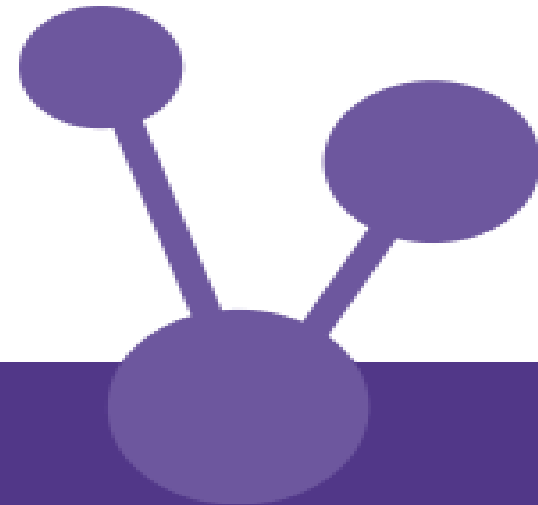
14 months a long time

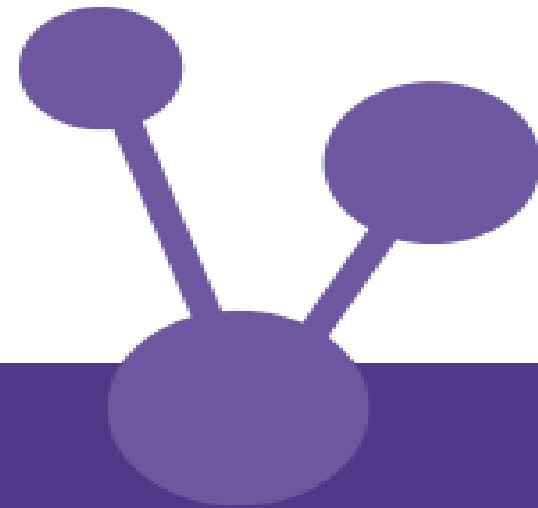
Often lacking training / time

Are remedial actions communicated?

Planned preventative maintenance

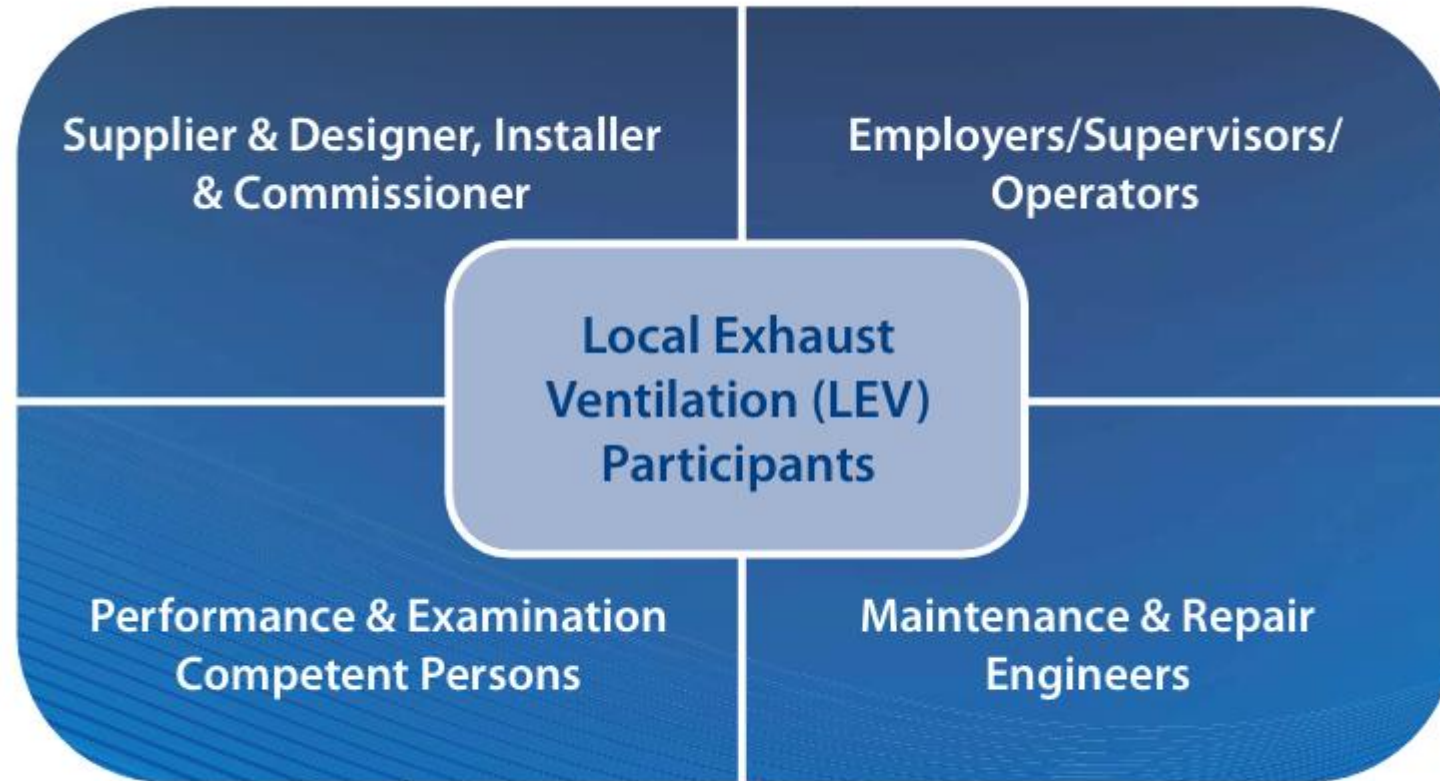
Improving systems – energy efficiency CO₂



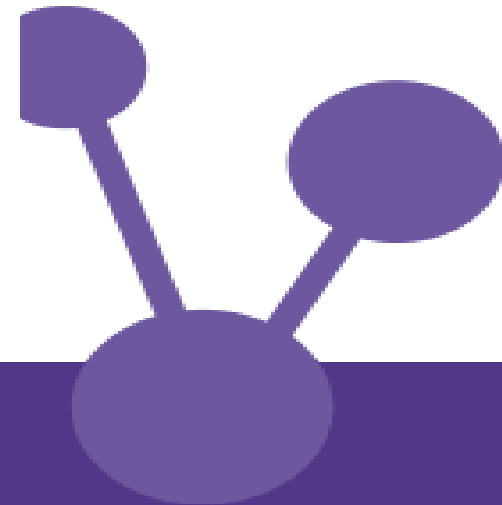


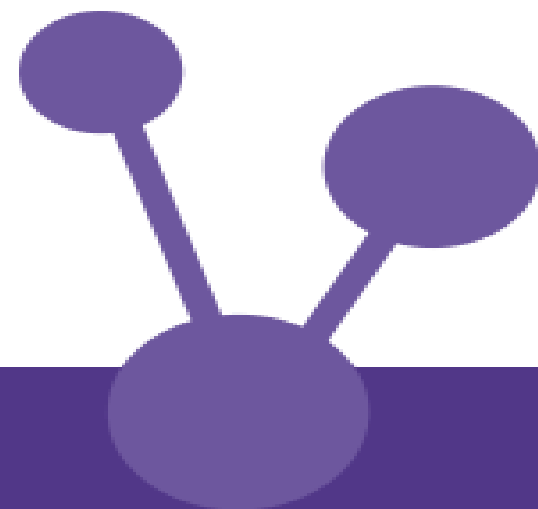
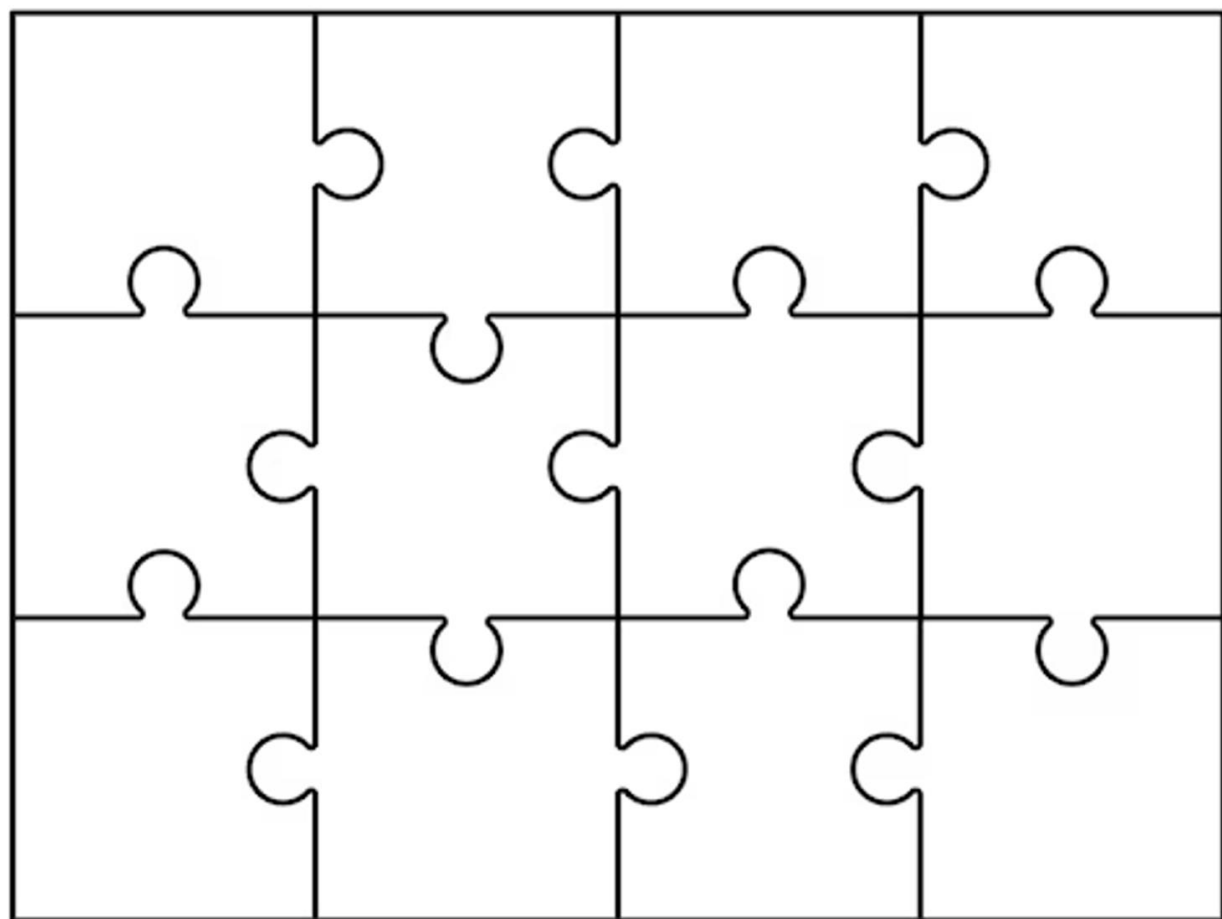
The next generation





Local Exhaust Ventilation Users





Thank you

