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Control Strategy 2

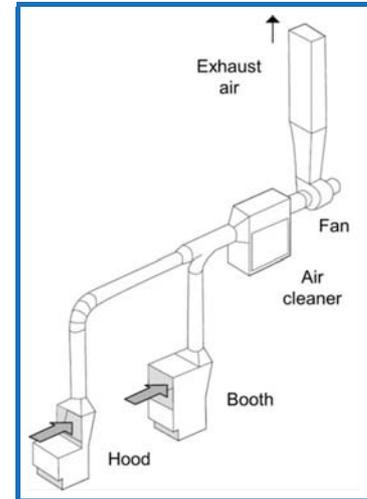
REACH Control Guidance Sheet 200

Local Exhaust Ventilation (Source Extraction)

Engineering Control

Workplace and Work Process Design

- Restrict access to the work area to authorised staff only.
- Enclose the source of dust or vapour as much as possible to help stop it spreading.
- Place the local exhaust ventilation (LEV) as close as possible at the source of exposure.
- Ensure a sufficient airflow to capture the dust or vapour before it disperses into the workplace. For dusts, airflows above 1 m/s will generally be needed, for vapours airflows above 0.5 m/s will generally be needed.
- Stop draughts interfering with the LEV.
- Minimise disruptive airflows by guide elements and walls.
- Have an adequate air supply coming into the workroom to replace extracted air.
- Ensure supplied air comes from an uncontaminated area.
- In case of dusts: filtered, clean air may be re-circulated into the workroom.
- Don't allow the worker to get between the source of exposure and the LEV.
- Keep pipes short and straight. Long sections with flexible pipes shall be avoided.
- Discharge air away from doors, windows and other air inlets.



Maintenance, Servicing & Efficiency Control

- Make sure the room is well ventilated, and any air supply or removal system is switched on and is working.
- Provide an easy way of checking the LEV is working, e.g. by volume flow measurements.
- Visually inspect the LEV equipment at least once a week for signs of damage.
- Get the LEV equipment examined and tested against its performance standard as specified by the manufacturer or at least once a year.
- Keep records of all examinations at least until the next inspection is due.
- Remove deposits and impurities from ventilation systems immediately.
- Ensure engineering control measures are regularly inspected and maintained.
- Ensure compliance with protective measures.

Worker Checklist for Operating Instructions

- Before starting work, ensure the LEV is switched on and works properly. Check the measuring devices (e.g. volume flow measurements).
- Look for signs of damage, wear or poor operation of any equipment used on a daily basis.
- If you find any problems, tell your supervisor. Don't carry on working, if you think there is a problem.
- Make sure that bags, sacks and other waste are not drawn into the LEV.