The LEV System Logbook

HSG258 Guidance

An LEV System Logbook will contain schedules and forms to keep records of regular checking, maintenance and repair. The Logbook contains:

■ schedules for regular checks and maintenance;

■ records of regular checks, maintenance, replacements and repairs;

■ checks of compliance with the correct way of working with the LEV system;

■ the name of the person who made these checks.

Examples of what should appear in the logbook’s checklists:

Identified daily checks, weekly checks and monthly checks for each item in the system, for example:

■ hoods, including airflow indicators, physical damage and blockages;

■ ducts, including damage, wear and partial blockage;

■ dampers – position;

■ air cleaner, including damage, static pressure across the cleaner, and failure alarms;

■ air mover, including power consumption and changes in noise or vibration;

■ maintenance carried out;

■ replacements made;

■ planned and unplanned repairs;

■ operator’s use of the LEV – check they are following correct procedures;

■ space to report the results against each check item;

■ signature and date.

Specific examples include:

■ clearance time for a room enclosure or booth;

■ receiving hood positioning, particularly for moveable hoods;

■ capturing hood and working zone within the capture zone;

■ operator making sure the source is well within a partial enclosure;

■ operator working sideways-on to the airflow in a walk-in booth;

■ clutter obstructing LEV;

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http://www.hse.gov.uk/pubns/indg409.pdf

■ checking the fan noise and keeping the impellers clean;

■ fan bearing replacement;

■ filter material replacement.