

DUST SPARES

THE DUST EXTRACTION SYSTEM MAINTENANCE CHECKLIST



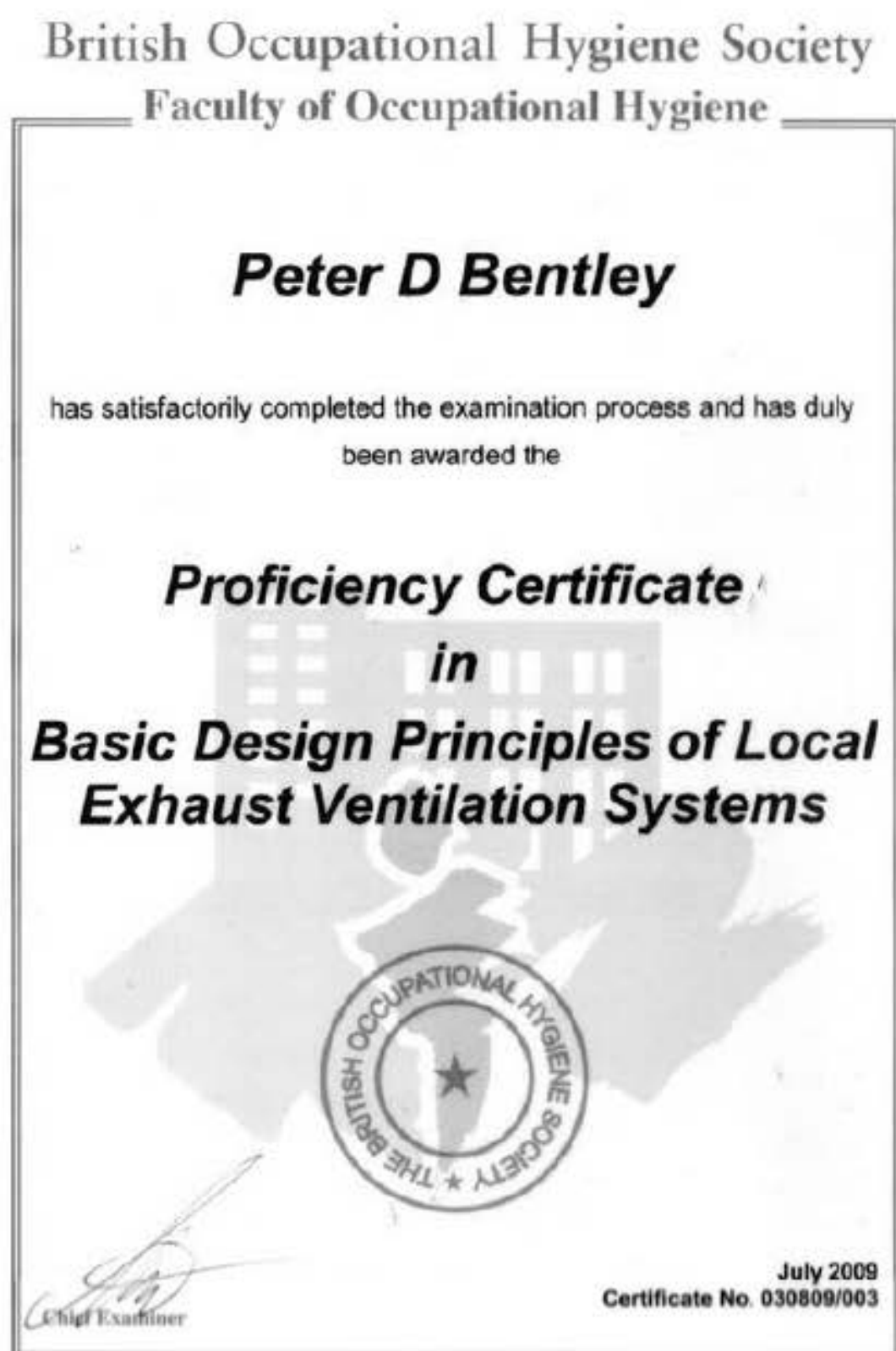
DUST SPARES
dust control spare parts for industry

Introduction

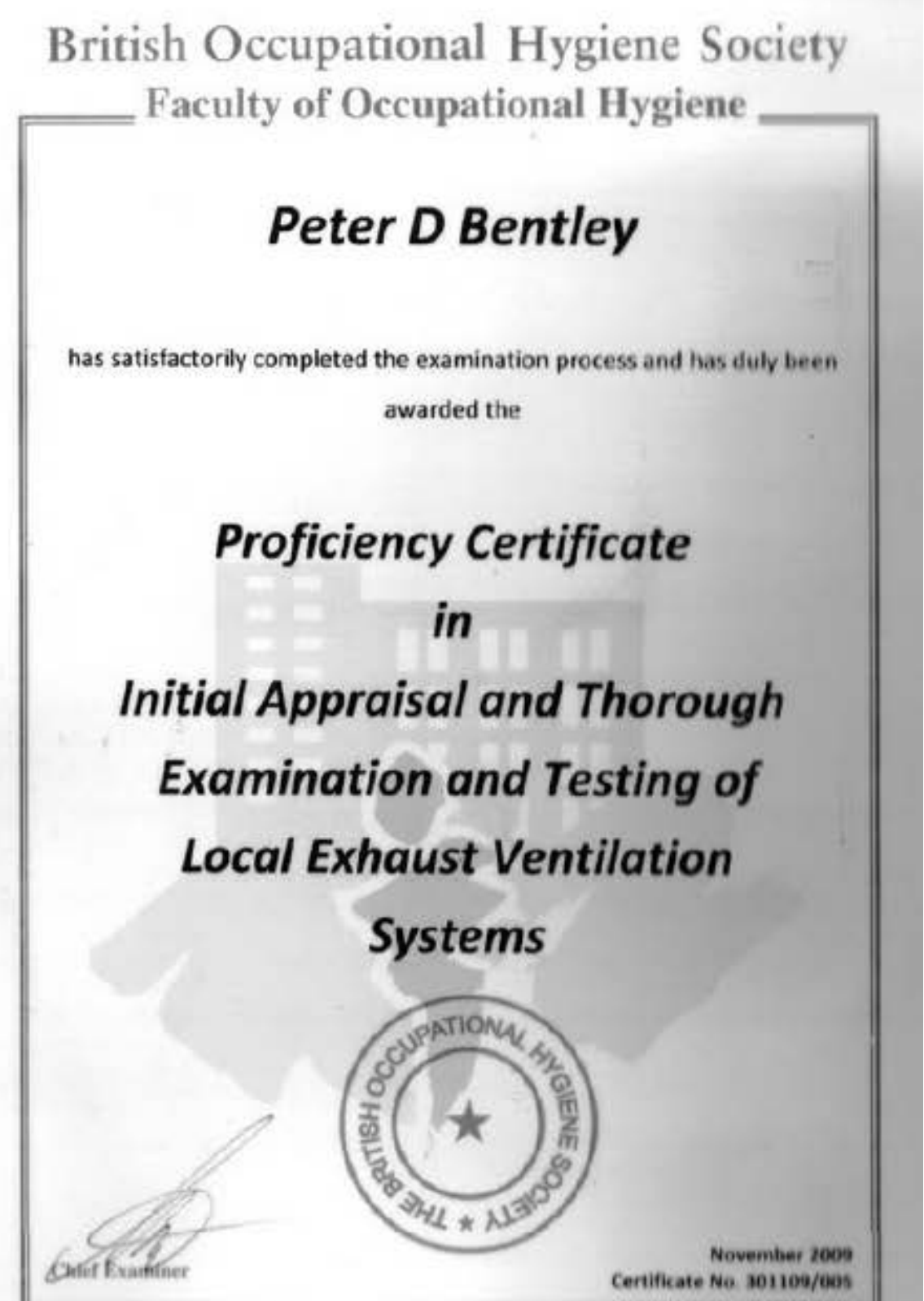
Dust extraction systems, like any plant & equipment require regular maintenance in order to avoid costly breakdowns. Not only are breakdowns often expensive to fix, they can mean downtime for an entire production line, costing thousands in lost revenue. A proper, planned, preventative maintenance program will minimise this risk.

We'd always recommend that the service maintenance and LEV testing be carried out by a competent engineer or company provider with plenty of experience and the relevant qualifications. At Dust Spares, we have engineers with these qualifications, see example below.

If you are maintaining your equipment yourself, however, this is a useful checklist of some of the regular checks and tasks you should be carrying out.



Working for a healthier workplace



Working for a healthier workplace

Follow Us:



Contact Us:

03456 800 696

info@dustspares.co.uk

Operator Checklist


- 1 Visual inspection of condition
- 2 Check the LEV indicator
- 3 Ensure extraction hoods are in correct position
and are free from obstruction or blockages
- 4 Are there any unusual vibration smells etc present?
- 5 Are the tested labels in date?
- 6 Supervisor has been notified of any of the above



Follow Us:



Contact Us:

 03456 800 696

 info@dustspares.co.uk

Recommended Guidelines of Maintenance Schedule

Element	Action	Responsibility	Interval
General	1. Check overall integrity of the system. For evidence of damage, corrosion, seals, substrate, leakage etc. 2. Ensure that all inward (intakes) air vents are free from obstruction.	Engineer	6 monthly
		Operators	Daily
Extraction Hoods	1. Inspect for damage and blockages. 2. Check and adjust hoods for optimum collection position in relation to process. 3. Ensure the minimum safe distance is kept between the hood and the process. 4. Ensure all of the machine guards are in place.	Operators	Daily
		Operators	Per process
		Operators	Per process
		Operators	Per process
Ductwork (flexible)	1. Check general condition to include; duct kinking, damage and wear. Support brackets where applicable. 2. Where present, test elbow and joint mobility. 3. Test collection efficiency/velocity.	Operators Engineer	Weekly 6 monthly
		Operator Engineer	Weekly 6 monthly
		Engineer	6 monthly
Ductwork (fixed)	1. Check general condition - i.e. damage, support brackets etc. 2. Check for blockages and build up of product.	Engineer	6 monthly
		Engineer	6 monthly
Dampers	1. Check opening/closing range and locking mechanism. Joint leakage. 2. Isolate dampers for machines not in use.	Engineer	6 monthly
		Operators	As required
Filter Plant	1. Check differential pressure. 2. Inspect filter bags for damage and replace where necessary. 3. Check operation of shaker mechanism. 4. Lubricate and overhaul as required.	Supervisor	Daily
		Engineer	6 monthly
		Engineer	6 monthly
		Engineer	6 monthly
Fans (Fan Sets)	1. Lubricate bearings as per OEM schedule. 2. Check blade wear (where possible). 3. Check for excessive noise/vibration and heat. 4. Inspect electrical conditions. 5. Inspect motor connections.	Engineer	6 monthly
		Engineer	6 monthly
		Engineer	6 monthly
		Engineer	6 monthly
		Engineer	6 monthly
Operators	1. Instruct employees to alert responsible person if they suspect any change or defect within the system.	Operators	As and when occurs
Thorough exam & test	1. Carry out full test and inspection.	Engineer	As per HSG258 Guidelines

Follow Us:



Contact Us:

03456 800 696

info@dustspares.co.uk