

Your trusted advisor



ESTD 1859

BES Group

Cambridge University DSO Update – 14th March 2023

Adam Nott, Zoe Downs



BES Group

BES

- **Origins can be traced back to 1859 and include Royal Insurance, British Engine and RSA**
- **Independent Testing, Inspection, Consultancy and Certification group**
- **550 Engineer Surveyors nationally**
- **UK and RoI coverage including islands**

Adam Nott

Transition Manager, responsible for management of major new contracts from inception until “Business As Usual”

Zoe Downs

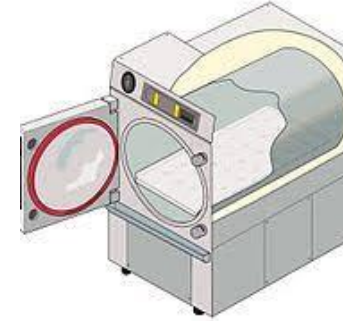
Unit Leader, runs a team of 28 Engineer Surveyors covering a wide area that includes Cambridge

Legislation

1. The Lifting Operations and Lifting Equipment Regulations 1998
2. The Pressure Systems Safety Regulations 2000
3. The Control of Substances Hazardous to Health Regulations 2002
4. The Electricity At Work Regulations 1989
5. The Provision and Use of Work Equipment Regulations 1998
6. The Health And Safety At Work etc Act 1974



LOLER



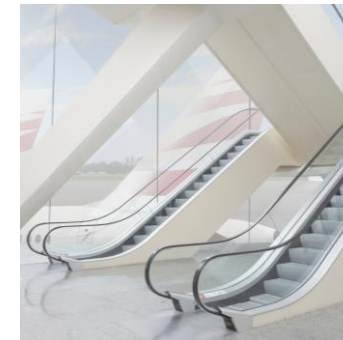
PSSR



COSHH



EAWR



PUWER



HASWA

Responsibilities



- **The Employer** must ensure, so far as is reasonably practical, the health, safety and welfare at work of all employees
 - Provision and maintenance of safe workplace, plant and systems of work
 - Provision of information, instruction, training and supervision
- **The Employee** must take reasonable care for the health and safety of himself and of other persons who may be affected by his acts or omissions and co-operate with his Employer

Inspection

- LOLER – 6-monthly for lifting accessories and items that lift persons, 12-monthly for all other items that lift or lower a load
- PSSR – Historically 14/26 months for Working (“hot”, “in service”) and Thorough (“cold”, “out of service”) but Competent Person will decide inspection frequencies and show on the Written Scheme of Examination (WSE)
- COSHH – 14 months, but most companies use 12 months for planning ease
- EAWR – Between 1-10 yearly, depending on the installation
- PUWER (catch all) – 12-monthly, but does not have to be independent third party



Outputs

Lifting and pressure reports contain the same general information but reports for pressure items tend to be more detailed and will often also include the Written Scheme of Examination as part of the document

The screenshot shows a PDF report titled "REPORT OF THOROUGH EXAMINATION OF LIFTING EQUIPMENT". The report is dated 15/11/2024 and is for a client named "The University of Cambridge". The equipment is identified as "ELECTRIC PASSENGER/GOODS LIFT". The report is signed by "HARMON & CHAMPNESS". The report includes details about the client, the equipment, and the examination results.

1. Client/Inspection point owner	The University of Cambridge
2. Address	THE UNIVERSITY OF CAMBRIDGE - RAISED FACULTY BUILDING - MINILAND PHYSIOLOGY Russett Faculty Building Sidgwick Stn, Sidgwick Avenue Cambridge CB3 9DA The Facilities Manager
3. Address at which the examination was made	As above-Miniland Languages (Library)
4. Description of Lifting Equipment	ELECTRIC PASSENGER/GOODS LIFT
Designating Number	2096
Model Name	HARMON & CHAMPNESS
Model	Unknown
Year of Manufacture	Unknown
Max Working Load	2 person or 336 lbs or 152 kg
1. Status of Examination	Thorough Examination carried out within an interval of 6 months under Regulation 5(2)(a) unless otherwise indicated.
Identification of any part found to be defective or damaged	None

Lift report

The screenshot shows a PDF report titled "REPORT OF AN EXAMINATION OF AN ITEM WITHIN A PRESSURE SYSTEM". The report is dated 05/03/2024 and is for a client named "The University of Cambridge". The equipment is identified as "PRESTIGE TOP LOADING AUTOCLAVE". The report is signed by "PRESTIGE MEDICAL". The report includes details about the client, the equipment, and the examination results.

1. Name of user or of owner in the case of mobile equipment	The University of Cambridge
2. Address of user or of owner in the case of mobile equipment (or fixed)	THE UNIVERSITY OF CAMBRIDGE - CANCER RESEARCH LI KA SHING CENTRE Business Hwy Cambridge Cambridge CB2 0RE
2a. Location of the System/Reference to the above	As above
3. Description of the System	Steam
3a. Pressure System Number	9023-5-001
3b. WSE Number or WSE Revision number	See attached Written Scheme of Examination.
3c. Date Written Scheme of Examination last reviewed	See attached Written Scheme of Examination.
3d. Description of the Item	PRESTIGE TOP LOADING AUTOCLAVE
1a. Model Name	PRESTIGE MEDICAL
1b. Identification number	9023
1c. Status of Examination	Good so far as is known.

Pressure Report

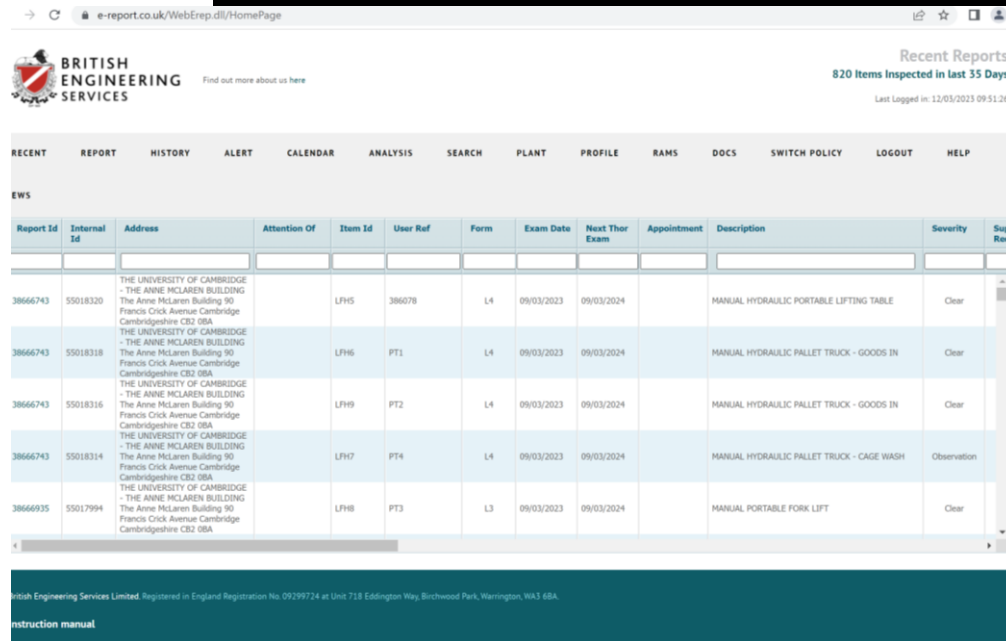
The screenshot shows a PDF report titled "WRITTEN SCHEME OF EXAMINATION (THE PRESSURE SYSTEMS SAFETY REGULATIONS 2000)". The report is dated 05/03/2024 and is for a client named "The University of Cambridge". The equipment is identified as "PRESTIGE TOP LOADING AUTOCLAVE". The report is signed by "PRESTIGE MEDICAL". The report includes details about the client, the equipment, and the examination results.

Name and Address of Client/User	The University of Cambridge THE UNIVERSITY OF CAMBRIDGE - CANCER RESEARCH CAMBRIDGE INSTITUTE Li Ka Shing Centre Business Hwy Cambridge Cambridge CB2 0RE
Pressure System Number / Report ID	9023-5-001 / 9023-5-001
Location of System	Li Ka Shing Centre
Reference to the Written Scheme of Examination	See attached Written Scheme of Examination.
Parts of system requiring examination (Pressure and protection devices)	PRESTIGE TOP LOADING AUTOCLAVE - 9023-5-001
Category 1 protective devices	SAFETY VALVE LID INTERLOCK
Category 2 protective devices	PRESTIGE MEDICAL
Periodicity of examination	1. Initial examination prior to entering service: 12 months 2. On Service examination every: 12 months
Preparation	The user of the system should ensure that the system is safe for examination. The system should be isolated from all sources of power and energy, and all safety devices should be tested. The system should be tested in accordance with the Written Scheme of Examination. The system should be tested in accordance with the Written Scheme of Examination. The system should be tested in accordance with the Written Scheme of Examination.
Additional Requirements	The competent person carrying out an examination must be a person who is qualified in accordance with the Pressure Systems Safety Regulations 2000.

Pressure WSE

Results to date

- 4086 completed inspection reports
- 532 Plant Not Available reports (414 still not inspected)
- 3066 Clear
- 950 Observation
- 7 Time-Qualified Defect
- 25 Immediate Defect
- Serious Defect Rate 0.8% - low, but still 32 instances posing risk to health and also risk to University



The screenshot displays the British Engineering Services web application interface. At the top, the logo and name 'BRITISH ENGINEERING SERVICES' are visible, along with a navigation bar containing links like 'RECENT', 'REPORT', 'HISTORY', 'ALERT', 'CALENDAR', 'ANALYSIS', 'SEARCH', 'PLANT', 'PROFILE', 'RAMS', 'DOCS', 'SWITCH POLICY', 'LOGOUT', and 'HELP'. A 'Recent Reports' summary shows '820 Items Inspected in last 35 Days' and 'Last Logged in: 12/03/2023 09:51:26'. Below this is a table of inspection reports with columns for Report Id, Internal Id, Address, Attention Of, Item Id, User Ref, Form, Exam Date, Next Thor Exam, Appointment, Description, Severity, and Sup Req. The table lists several reports for 'THE UNIVERSITY OF CAMBRIDGE' at 'The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA'. The reports include items like 'MANUAL HYDRAULIC PORTABLE LIFTING TABLE', 'MANUAL HYDRAULIC PALLET TRUCK - GOODS IN', 'MANUAL HYDRAULIC PALLET TRUCK - CAGE WASH', and 'MANUAL PORTABLE FORK LIFT'. The severity levels are 'Clear', 'Clear', 'Clear', 'Observation', and 'Clear' respectively.

Report Id	Internal Id	Address	Attention Of	Item Id	User Ref	Form	Exam Date	Next Thor Exam	Appointment	Description	Severity	Sup Req
38666743	55018320	THE UNIVERSITY OF CAMBRIDGE - THE ANNE MCLAREN BUILDING The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA		LPH5	386078	L4	09/03/2023	09/03/2024		MANUAL HYDRAULIC PORTABLE LIFTING TABLE	Clear	
38666743	55018318	THE UNIVERSITY OF CAMBRIDGE - THE ANNE MCLAREN BUILDING The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA		LPH6	PT1	L4	09/03/2023	09/03/2024		MANUAL HYDRAULIC PALLET TRUCK - GOODS IN	Clear	
38666743	55018316	THE UNIVERSITY OF CAMBRIDGE - THE ANNE MCLAREN BUILDING The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA		LPH9	PT2	L4	09/03/2023	09/03/2024		MANUAL HYDRAULIC PALLET TRUCK - GOODS IN	Clear	
38666743	55018314	THE UNIVERSITY OF CAMBRIDGE - THE ANNE MCLAREN BUILDING The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA		LPH7	PT4	L4	09/03/2023	09/03/2024		MANUAL HYDRAULIC PALLET TRUCK - CAGE WASH	Observation	
38666935	55017994	THE UNIVERSITY OF CAMBRIDGE - THE ANNE MCLAREN BUILDING The Anne McLaren Building 90 Francis Crick Avenue Cambridge Cambridgeshire CB2 0BA		LPH8	PT3	L3	09/03/2023	09/03/2024		MANUAL PORTABLE FORK LIFT	Clear	

British Engineering Services Limited. Registered in England Registration No. 05295724 at Unit 718 Eddington Way, Birchwood Park, Warrington, WA3 6BA.
Instruction manual

Alert Screen

- **Overdue items** – check Appointment tab to see if already planned in; if not, take necessary action to ensure BES can inspect and advise us when item is available
- **Items with Actions** – ensure that item is not able to cause harm and carry out remedial works as advised as soon as possible
- **Not Available items** – (a) make the item available for inspection and advise BES to plan a revisit, or (b) if the item no longer exists ask BES to delete from the schedule

→ e-report.co.uk/WebErep.dll/Alert

**BRITISH
ENGINEERING
SERVICES**

Find out more about us here

Alert View

160 Items Overdue; 17 Items with Actions; 414 Items Not Available

Last Logged In: 12/03/2023 09:51:26

RECENTREPORTHISTORYALERTCALENDARANALYSISSEARCHPLANTPROFILERAMSDOCS SWITCH POLICYLOGOUTHELP

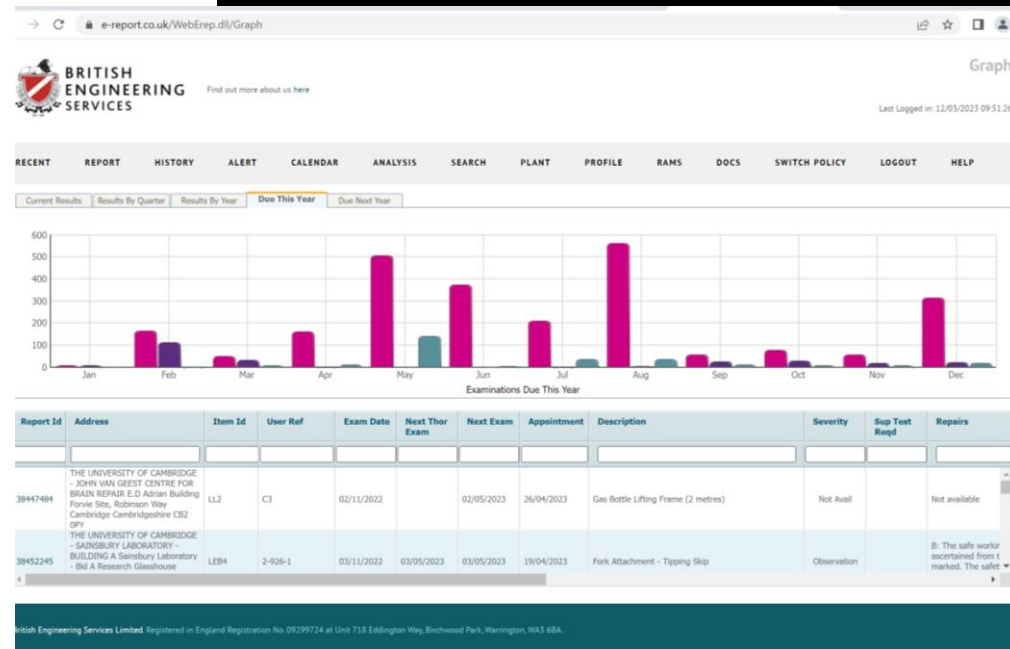
160 Items Overdue17 Items with Actions414 Items Not Available

Report Id	Address	Item Id	Received	User Ref	Form	Exam Date	Next Thor Exam	Next Exam	Appointment	Description	Severity	User S
8592834	THE UNIVERSITY OF CAMBRIDGE - PARK FARM Park Farm Madingley Cambridge Cambridgeshire CB23 8TW	LAE7	01/02/2023	AY09 FOC	L3	30/01/2023	30/07/2023	30/07/2023		DIESEL TELESCOPIC HANDLER	Immediate Defect	
8588128	THE UNIVERSITY OF CAMBRIDGE - COMBINED FACILITY Combined Facility - CAF Tennis Court Road Cambridge Cambridgeshire CB2 2EA	B8517	01/02/2023	PU4	PS1 EPAD	11/01/2023	11/02/2023	11/02/2023		DHW EXPANSION VESSEL	Immediate Defect	
8550867	THE UNIVERSITY OF CAMBRIDGE - WEST HUB West Hub JJ Thomson Avenue Cambridge Cambridgeshire CB3 0US	LFD1	06/01/2023	UL362	L3	06/01/2023	06/07/2023	06/07/2023		ELECTRIC PASSENGER/GOODS LIFT (MOTOR ROOMLESS)	Immediate Defect	
8504875	THE UNIVERSITY OF CAMBRIDGE - 1-3 HILLS ROAD 1-3 Hills Road Cambridge Cambridgeshire CB2 1JP	LFC1	02/12/2022	UL366	L3	02/12/2022	02/06/2023	02/06/2023	22/05/2023	ELECTRIC HYDRAULIC PASSENGER/GOODS LIFT	Immediate Defect	

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Instruction manual

Planner

- Check what is falling due
- Make sure it will be available on the planned attendance date (see “Appointment” column)
- If plant won’t be available, call BES as soon as possible to either replan the visit or delete the item



Questions?