



RAMS FACTORY™ OUTPUT

● LIVE DOCUMENT

CDM 2015

IGEM/UP/10

BSRIA BG 29

NICEIC

REV A

Boiler Plant Upgrades

Hoval UltraGas® 2 D · live hospital, never cold.

Replacement of two Hoval UltraGas® 2 D dual-module boilers (4 modules total, free-issue), with low-loss headers, a **~750 kW plate heat exchanger**, primary and secondary pumping, twin-wall stainless flue, gas manifold modification and full BMS integration. The hospital remains heated throughout — final changeover is engineered as a single, planned, out-of-hours event.

CLIENT

Meridian Health

Trust · Independent

SITE

St Aldwyn's Hospital

Wessex Road, Bath

CONTRACTOR

Built AI

Principal & installing contractor

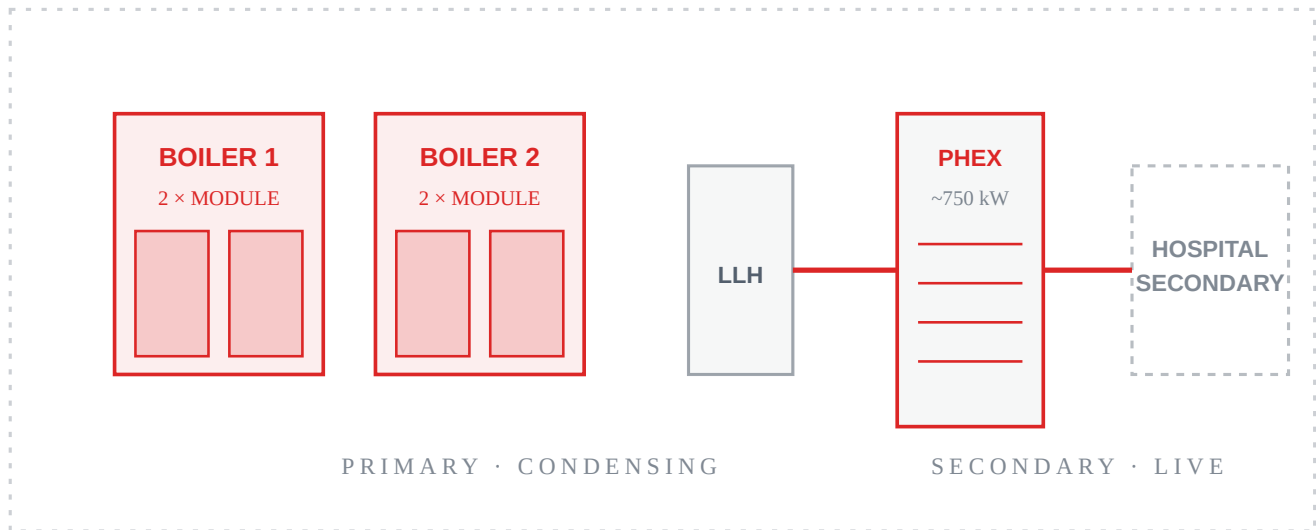
DURATION

2-3 weeks

+ planned cutover

Two boilers. Four modules. **Zero loss of heat.**
Wards, theatres and clinical areas stay served by a temporary boiler arrangement throughout — the new plant is fully built, tested, flushed and commissioned *before* we touch the live circuit. The cutover is one Sunday, one shift, one signature.

PLANTROOM · SCHEMATIC



01

DOCUMENT CONTROL

**The
submission,
on the
record.**

RAMS Submission
incorporating Method
Statement, Risk
Assessment, COSHH
framework and Permit
Register. To be read with
the approved technical
submission,
programme, and Hoval
UltraGas® 2 D
installation instructions.

PROJECT Boiler Plant Upgrades — Hoval UltraGas® 2 D System
SITE St Aldwyn's Hospital, Wessex Road, Bath BA2 6QF
CLIENT Meridian Health Trust
OPERATOR St Aldwyn's Hospital — Estates Team
PRINCIPAL CONTRACTOR Built AI
INSTALLING CONTRACTOR Built AI · Mechanical & Electrical

DOCUMENT REFERENCE

BAI-RAMS-SAH-BOILERS-001

REVISION

A

ISSUE DATE

13 February 2026

PREPARED BY

Cameron Whitley · Built AI

REVIEWED BY

To be signed on issue

APPROVED BY

To be signed on issue

02

SCOPE OF WORKS

**What gets
installed.
What stays
warm.**

Two parallel narratives:
the boiler replacement
on one side, the live
hospital on the other.

The replacement is built complete and tested before the live system is touched — the cutover is the only point where they intersect.



Mechanical scope

Two Hoval UltraGas® 2 D dual-module boilers (free-issue), low-loss headers per pair, ~750 kW plate heat exchanger for hydraulic separation, primary and secondary pumps, air/dirt separation, magnetic filtration, valves, balancing and commissioning sets.



Electrical, gas & flue

Twin-wall stainless flue suitable for condensing operation; redundant flues removed and penetrations made good. Gas manifold modification, module branches with flexible connections, tightness testing, purging and certification. Electrical supplies, isolators, containment and labels; cascade controls and BMS enable/fault interface; functional testing.



Flushing & dosing

System flushing, chemical clean and inhibitor dosing to BSRIA BG 29; pre/post water sampling and analysis.





Commissioning

Hoval-authorized commissioning engineer; cascade tuning, burner modulation, safeties; warranty validation.



Witness & training

Witness testing with client engineering reps, on-site training of Estates staff, full O&M pack.



Continuity strategy

Temporary boiler interface (client-supplied); final cutover engineered as a single planned out-of-hours event.

03

CONSTRAINTS

Assumed, declared.

Six assumptions form the boundary of this RAMS. Each one is explicit so that — if any condition shifts on site — the change-control

mechanism is obvious
rather than implicit.

Plantroom access

Access, ventilation and existing incoming services are adequate for installation. Routes for handling boilers and ancillaries to be agreed with Estates pre-mobilisation.

Heating continuity

Heating continuity maintained via a client-supplied temporary boiler. Built AI provides the necessary connections within the included scope.

Out-of-hours cutover

Final changeover from temporary heating to new plant is planned as an out-of-hours operation under hospital coordination, with formal pre-notification.

Existing distribution

Existing secondary distribution (pipework, emitters, terminal units) is not altered beyond the defined connections at the new plate heat exchanger.

Asbestos & contamination

Plantroom assumed asbestos-free / cleared per management survey; any unidentified suspect material triggers stop-work and Estates referral.

Free-issue plant

Hoval boilers are free-issue. Built AI takes responsibility from delivery acceptance — serial numbers verified against schedule on receipt.

04

RESPONSIBILITIES

Roles, named.

Six functions covering the works package. Two are statutory (Gas Safe, NICEIC). One is manufacturer-mandated (Hoval). The remainder are RAMS- and CDM-driven.



Site Supervisor (Built AI)

Daily control of works, permits, coordination with Hospital Estates, toolbox talks. Single point of contact for safety, sequence and progress.



Gas Safe Engineer(s)

All gas modifications, tightness testing, purge and certification to current standards (IGEM/UP/10). No gas works proceed without certification.



Qualified Electrician (NICEIC)

Electrical supplies, local isolators, containment, full inspection, testing and certification. Lock-off authority for LV isolations.



Hoval Commissioning Engineer

Final commissioning, cascade configuration, burner tuning, safeties and warranty activation. Authorised engineer only.



Hospital Estates Liaison

Permits-to-Work issued, daily authorisation of intrusive activity, witness for isolations and changeover, infection-control sign-off.



All Operatives

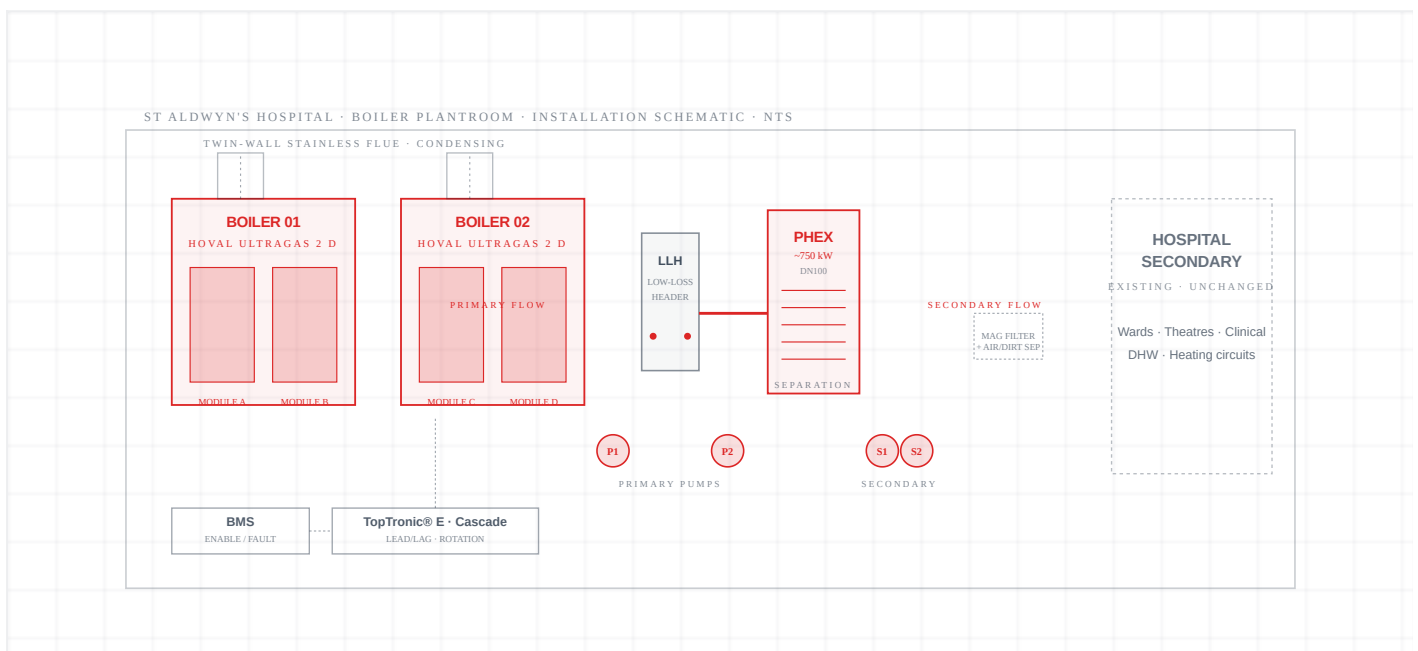
CSCS, competence for confined plantrooms, current manual handling and safe lifting training. Site induction is mandatory before tools are unpacked.

05

SYSTEM ARCHITECTURE

The plantroom, drawn out.

Two boilers feeding a low-loss header. The header feeds the plate heat exchanger. The plate heat exchanger feeds the existing hospital secondary — and only the secondary. Hydraulic separation means the existing distribution is not disturbed.



06

PROGRAMME

Eleven phases, three weeks.

Mobilisation Day 1,
cutover Day 14,
handover Day 15. Two
activities are critical:
the gas commissioning,
and the cutover itself.
The rest of the work
flexes around them.

PHASE
P1 Mobilisation & setup
P2 Temporary heating interface
P3 Decommission & remove existing

P4 Hydraulic separation (LLH + PHEX)

P5 Boiler install & primary pipework

P6 Flue system install

P7 Gas installation / modification

P8 Electrical, controls & BMS

P9 Test, flush, dose, commission

P10 Out-of-hours changeover

P11 Witness, training & handover

Working hours

Normal working hours assumed. Limited out-of-hours working only for final changeover (Phase 10) and any agreed disruptive activity.

All intrusive activity in clinical-adjacent zones to avoid peak clinical hours where practicable.

Critical paths

Two activities sit on the critical path:

- P7 — gas modification, certification before any gas to appliances
- P10 — out-of-hours cutover, single planned event

Float & buffer

1.5-day buffer built into Phase 9 (commissioning) to absorb late-running flushing or BMS issues.

No float on Phase 10 — pre-cutover readiness gate must be passed before the window opens.

07

PERMITS & HOSPITAL WORKING

Eight permits. No exceptions.

Hospital sites operate on a permit-driven safety culture. Every intrusive activity in this programme has a corresponding permit; no work proceeds without one. Infection control and clinical-area liaison overlay every permit.

● P-01

Permit to Work — Plantroom

Issued by Estates for plantroom access and intrusive works. Daily renewal. Scope and duration explicit.

Authorised by — **Estates**

● **P - 02**

Electrical Isolation / LV Works

LOTO authority for boiler / pump / control supplies. Prove dead before work commences.

Authorised by — **NICEIC + Estates**

● **P - 03**

Gas Isolation / Gas Works

Isolation, purge, modification and re-commissioning of gas manifold and module branches.

Authorised by — **Gas Safe + Estates**

● **P - 04**

Mechanical Isolation / Drain-down

Isolation of heating flow/return, controlled draining and discharge per site rules.

Authorised by — **Estates**

● **P - 05**

Hot Works (if required)

Welding, brazing or grinding. Fire watch posted; post-work checks at +1hr; spark control mats deployed.

Authorised by — **Estates**

● **P - 06**

Work at Height (if required)

Suitable access equipment (podium / mobile tower) for flue installation and high-level pipework.

Authorised by — **Estates**

● P - 07

Pressure Testing Authorisation

Authorisation to apply test pressure to new pipework sections. Exclusion zone, recorded results.

Authorised by — **Built AI Supervisor**

● P - 08

Out-of-Hours Changeover / Service Interruption

Authorisation for the cutover window. Pre-notification 7 days; confirmation 24 hours.

Authorised by — **Trust executive + Estates**



Infection control & clean working

- Clean access routes maintained throughout
- Dust control and immediate waste removal
- Sealed waste bags where required
- Tools and materials only in agreed locations
- No works to obstruct fire exits or clinical access routes



Noise & disruption

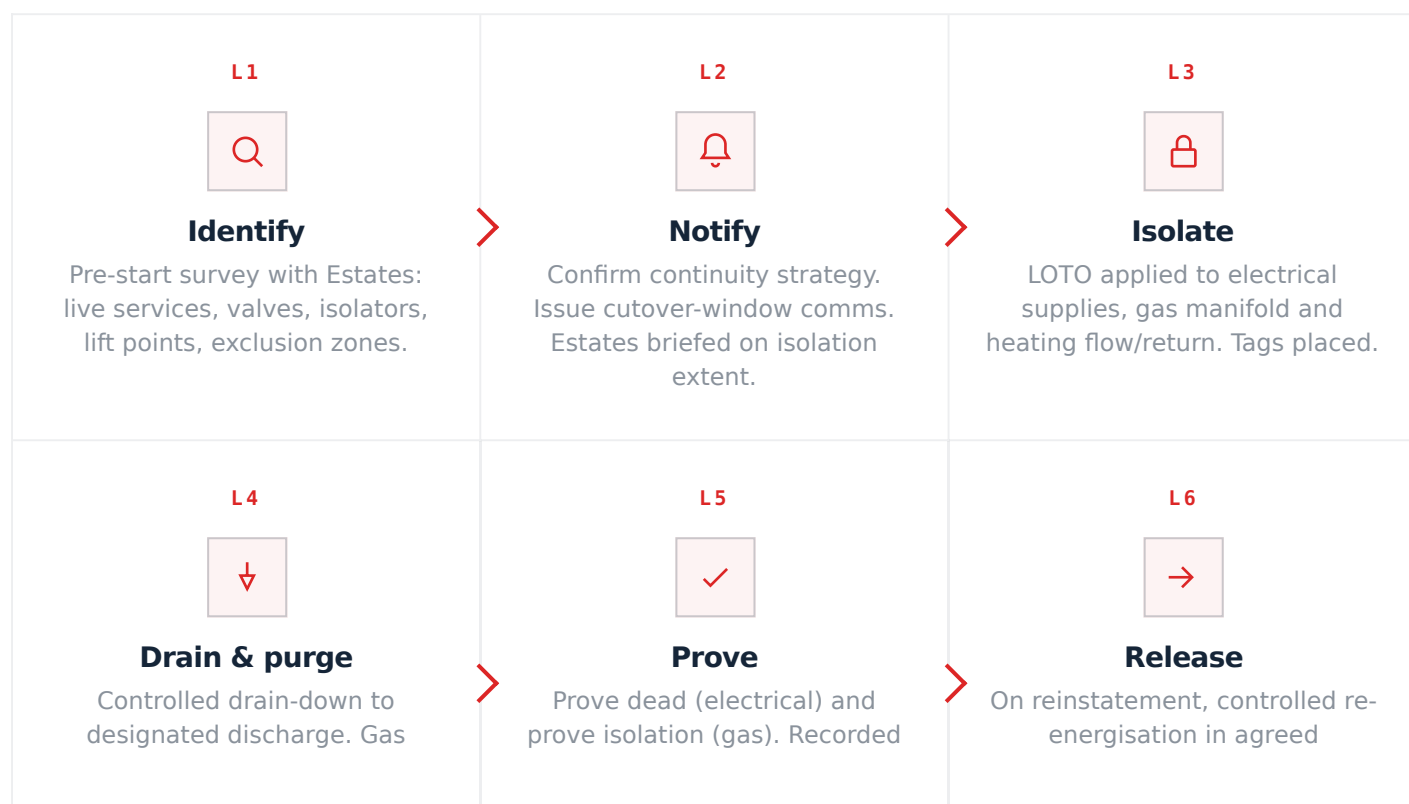
- Noisy works planned with Estates
- Avoid peak clinical hours where practicable
- Pre-notification for any service interruptions
- Hearing protection PPE in plantroom during cutting/grinding

08

ISOLATIONS & LOTO

Lock-out, tag-out, prove dead.

Six steps applied to every isolation in this scope. The principle is simple: nothing is dead until it has been proven dead, and nothing is live again until Estates have witnessed it.



manifold purged per
IGEM/UP/10.

on permit before strip-out
begins.

sequence. Estates witness sign-
off.

09

SEQUENCE

Eleven phases, step by step.

Each phase has an objective, a numbered method and a mandatory note that gates progression. SMSTS supervision throughout; daily toolbox talks; Estates briefed at every shift-start.

Mobilisation & setup

P1

Establish the works without disturbing the live hospital.

- 01 Site induction with Estates; permit briefing; RAMS review.
- 02 Confirm emergency arrangements, first aid points, fire muster, evacuation routes.
- 03 Establish work area: barriers, signage, floor protection, route protection.
- 04 Materials laydown agreed and signed off by Estates.

- 05 Verify free-issue boilers and major plant: serial numbers, condition, documentation.
- 06 Welfare and washing facilities confirmed.

NOTE — No tools out until induction is complete and permits are live.

Temporary heating interface

P2

Hospital remains heated throughout — verified before strip-out.

- 01 Confirm temporary boiler plant status (client-supplied) and changeover plan agreed.
- 02 Install/verify temporary connections within included scope.
- 03 Function-test temporary arrangement with Estates witness.
- 04 Confirm setpoints and stability; confirm fault routing to BMS.
- 05 Sign off temporary arrangement as 'serving' before any removals begin.

NOTE — Strip-out gate — no Phase 3 activity until temporary arrangement is signed-off as live.

Decommission & remove existing

P3

Old plant out, services capped, waste compliant.

- 01 Drain down primary circuits as required; controlled discharge per site rules.
- 02 Remove redundant boilers, pumps, ancillary pipework, redundant flue components.
- 03 Segregate waste streams; remove from site under waste duty-of-care.
- 04 Make safe and cap redundant services as needed.
- 05 Photograph as-stripped condition before new install begins.

NOTE — Recovered metals, insulation and electrical components recorded on waste transfer notes.

Hydraulic separation — LLH + PHEX

P4

Build the heart of the new system before bringing the boilers in.

- 01 Set out new plant arrangement; verify maintenance access and safe escape routes.
- 02 Install low-loss headers with pipework supports, brackets, drains and vents.
- 03 Install plate heat exchanger (DN100 primary/secondary) with isolation valves, strainers, thermometer pockets, drain/vent.
- 04 Install primary and secondary pumps to design duty; verify rotation; isolations and flexible connectors.
- 05 Pressure-test new pipework sections as completed (hold points recorded).

NOTE — Pressure test pass is a mandatory hold point before insulating.

Boilers & primary pipework

P5

Free-issue boilers brought in under controlled handling plan.

- 01 Bring boilers into plantroom using agreed handling plan (skates / jacks / rollers); maintain exclusion zones.
- 02 Position boilers on manufacturer frames; level and secure; confirm service clearances.
- 03 Fabricate primary flow/return pipework between boilers, LLH and PHEX.
- 04 Install isolations, balancing/commissioning sets, dirt/air separation, magnetic filtration, drains and vents.
- 05 Pressure-test new pipework sections; record hold points.

NOTE — No persons under suspended loads at any point during boiler positioning.

Flue system

P6

Twin-wall stainless flue suitable for condensing operation.

- 01 Confirm flue route and termination strategy; match existing termination positions where agreed.
- 02 Install twin-wall stainless flue, supports, fire-rated collars and penetration seals.
- 03 Provide condensate management and neutralisation where required.
- 04 Remove redundant flues; make good penetrations to maintain building integrity.

05 Inspection prior to boxing-in / making good — fire-stopping verified.

NOTE — Penetration / fire-stopping inspection is a mandatory hold point before sealing.

Gas installation / modification

P7

Gas Safe Engineers only — certification at every stage.

01 Isolate and prove gas dead; purge per procedure.

02 Modify existing gas manifold to suit new configuration.

03 Install new branch lines to each module: isolations, flexible stainless connections, safety interlocks.

04 Tightness test, purge and commission gas train to current standards (IGEM/UP/10).

05 Complete Gas Safe certification — no introduction of gas to appliances without it.

NOTE — Critical-path activity. Gas Safe certification is a mandatory hold point.

Electrical, controls & BMS

P8

NICEIC supplies, Hoval cascade controls, BMS interface.

01 Install electrical supplies and local isolators for each module, pumps and ancillaries.

02 Install containment (tray/trunking), segregation and full labelling.

03 Connect Hoval TopTronic® E controls; configure cascade lead/lag and rotation.

04 Interface to BMS via enable and fault relays as defined; complete functional proving.

05 Electrical inspection, testing and NICEIC certification on completion.

NOTE — BMS enable/fault proving is a mandatory hold point before commissioning.

Test, flush, dose, commission

P9

Water clean, system stable, performance verified.

- 01 Pressure test of full mechanical installation (record results).
- 02 Flushing, cleaning and chemical dosing to BSRIA BG 29 and Hoval requirements.
- 03 Pre/post water sampling; confirm inhibitor levels and cleanliness.
- 04 Hoval-authorized commissioning engineer to set up cascade, burner modulation, safeties, pump control, setpoints.
- 05 Functional testing: module lockout, pump fail, BMS enable/fault, safety shut-off, condensate function.

NOTE — Water sample acceptance is a mandatory hold point before commissioning sign-off.

Out-of-hours changeover

P10

One Sunday. One shift. One signature.

- 01 Agree final changeover window with Estates (notification issued in advance).
- 02 Confirm temporary system stable.
- 03 Execute cutover sequence: isolate temporary tie-ins → open new plant valves → bring new boilers online in sequence.
- 04 Verify temperatures, pressures, flows; confirm stable operation; return system to normal control.
- 05 Remove temporary connections (where applicable) and reinstate permanent configuration.

NOTE — Estates witness presence required throughout the cutover window.

Witness, training & handover

P11

Documented evidence delivered, Estates trained, snags closed.

- 01 Final witness testing with the client's engineering representatives.
- 02 O&M manuals issued: as-fitted schematics, test results, commissioning sheets, certificates, warranty.
- 03 Deliver on-site training session for Estates staff (theoretical + walk-around).

04 Final snag list issued, rectified and closed.

05 Final sign-off obtained — works deemed complete.

NOTE — Witness test and training are mandatory hold points before formal acceptance.

10

HOLD POINTS

Eight gates. No proceed without sign-off.

Mandatory quality control gates. Each one has a name, a definition, and a named authority. None of them can be bypassed without written change-control.

01

Isolation confirmed

Gas, electrical and mechanical isolations all proven dead before any strip-out commences. Recorded against permits.

SIGNED OFF BY
Estates witness

02

Pressure tests passed

All new pipework pressure-tested and recorded before insulation or boxing-in.

SIGNED OFF BY
Built AI Supervisor

03

Flue inspection

Penetrations, fire-stopping and supports verified before boxing-in or making good.

SIGNED OFF BY
Estates witness

04

Gas tightness certified

Gas Safe certification issued before any gas is introduced to appliances.

SIGNED OFF BY
Gas Safe Engineer

05

Electrical certified

NICEIC inspection, testing and certification complete before energisation.

SIGNED OFF BY
NICEIC Electrician

06

BG29 + sample passed

BSRIA BG 29 flush and dose complete; water sampling accepted before commissioning.

SIGNED OFF BY

Built AI Supervisor

07

BMS interface proven

Enable and fault paths exercised end-to-end before handover.

SIGNED OFF BY

Built AI + Estates

08

Witness & training

Witness test passed and Estates training delivered before formal acceptance.

SIGNED OFF BY

Estates + Trust

11

HEALTH & SAFETY

**Hospital
overlay,
site
discipline.**

Hospital-sector overlay applied on top of standard CDM 2015 controls: infection control, permit-driven work, clinical access protection, out-of-hours coordination. PPE minimum: safety boots, task gloves, eye protection, hi-vis as required, hearing protection in cutting/grinding, RPE for dust generation, chemical-resistant gloves and face protection for dosing.

Service interruptions

Formal changeover plan; Estates coordination; temporary plant strategy; out-of-hours cutover only.

Gas safety

Gas Safe Engineers only; purge and tightness testing; interlocks; controlled work area; emergency isolation known to all team members.

Electrical

LOTO, prove dead, competent persons, NICEIC testing and certification.

Lifting & handling

Mechanical handling plan; exclusion zones; trained operatives; no persons under suspended loads at any time.

Hot works

Permit, fire watch, extinguishers, post-work checks at +1hr.

Pressurised systems & chemicals

Controlled dosing; COSHH controls; eyewash availability; bunding and spill kits.

Work at height

Suitable access equipment; edge protection where applicable; tool-tethering controls.

Noise & dust

Task planning, barriers, cleaning regime, hospital liaison; PPE in plantroom.

Environmental

Waste segregation and duty of care; controlled draining; spill prevention; bunding where required; packaging recycling where practicable.

12

COSHH FRAMEWORK

Substances, declared.

Framework for the COSHH register. Exact products and Safety Data Sheets confirmed prior to site start and appended to this RAMS. All operatives briefed before substances are brought to site.

SUBSTANCE System cleaner / flushing chemical
USE Pre-commissioning BG 29 clean
LOCATION Closed heating circuit
HAZARD Medium
SUBSTANCE Corrosion inhibitor
USE Final dosing; concentration verified by sampling
LOCATION Closed heating circuit
HAZARD

Low

SUBSTANCE

Biocide

USE

Only if specified by water analysis

LOCATION

Closed heating circuit

HAZARD

Medium

SUBSTANCE

Condensate neutraliser media

USE

Acidic condensate from condensing operation

LOCATION

Plantroom

HAZARD

Low

SUBSTANCE

Pipe jointing compound / flux / solvents

USE

Pipework jointing as applicable

LOCATION

Plantroom

HAZARD

Low

SUBSTANCE Cleaning agents / degreasers
USE Plantroom clean-down
LOCATION Plantroom
HAZARD Low

13

RISK ASSESSMENT

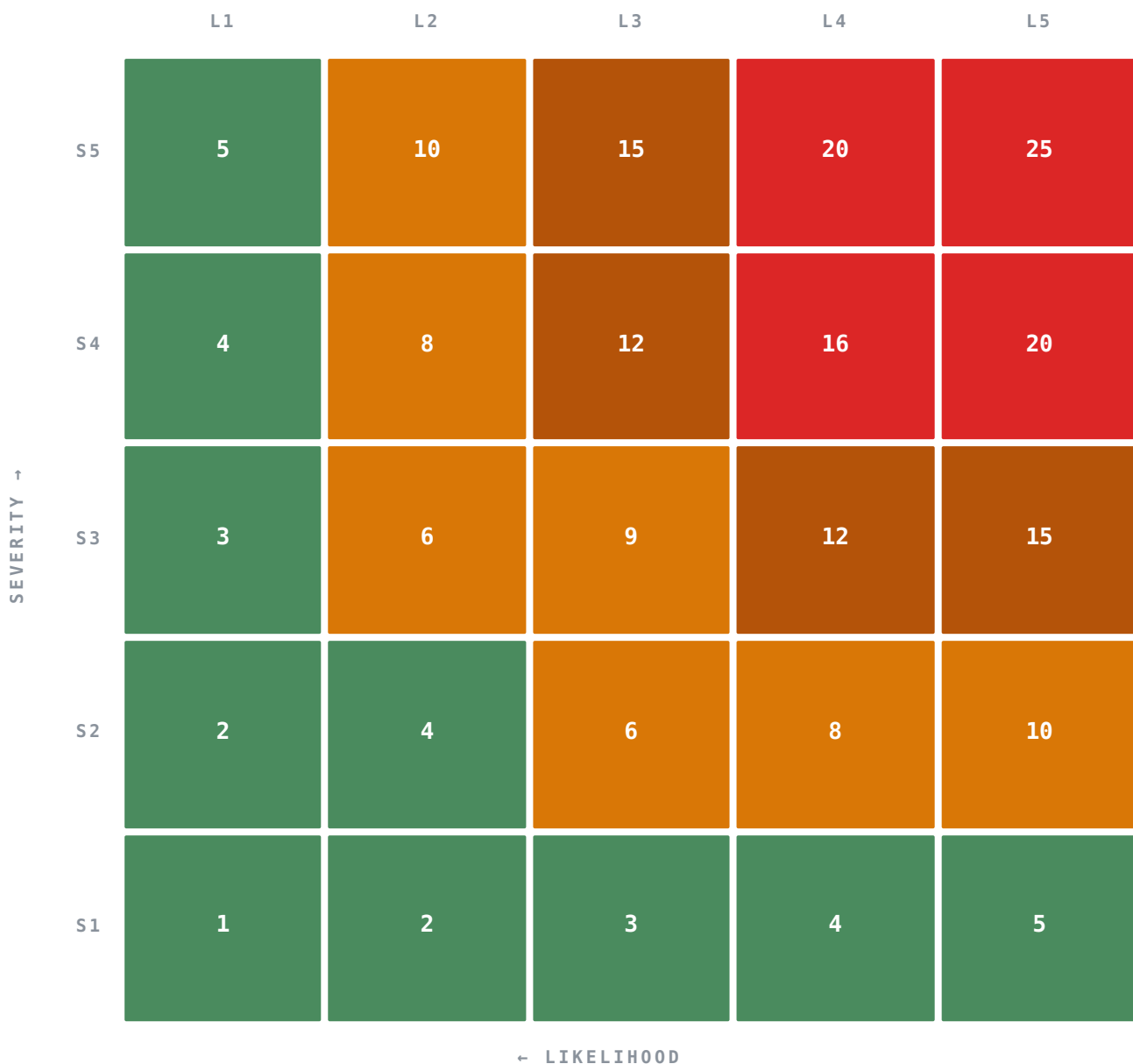
Hospital hazards.
Reduced to
ALARP.

Likelihood × severity, before and after controls. Sixteen hazards specific to hospital boiler replacement. Hospital emergency procedures override contractor procedures at all times.

LIKELIHOOD (L)	SEVERITY (S)
---------------------------	-------------------------

- 1 Rare
- 2 Unlikely
- 3 Possible
- 4 Likely
- 5 Almost certain

- 1 Minor injury
- 2 First aid
- 3 Medical treatment
- 4 Major / RIDDOR
- 5 Fatality / major harm



HAZARD

Loss of heating to clinical areas

AT RISK

Patients, staff, hospital

INITIAL

20 · VH

CONTROLS

Temporary boiler arrangement live and witnessed before strip-out begins; out-of-hours cutover with pre-notification; two-stage handover; estates witness present throughout cutover.

RESIDUAL

8 · MED

HAZARD

Gas escape / explosion

AT RISK

Operatives, hospital occupants

INITIAL

20 · VH

CONTROLS

Gas Safe engineers only; controlled isolation; tightness test before gas to appliances; emergency isolation point known and signed; gas detection where applicable.

RESIDUAL

8 · MED

HAZARD

Electrical contact / shock

AT RISK

Operatives, electricians

INITIAL

16 · VH

CONTROLS

LOTO; prove dead; NICEIC competent persons; insulated tools; PPE; permit-controlled isolations.

RESIDUAL

6 · MED

HAZARD

Lifting heavy plant (boilers, PHEX)

AT RISK

Operatives, bystanders

INITIAL

16 · VH

CONTROLS

Mechanical handling plan; trained operatives; certified lifting equipment; exclusion zones; banksman; no persons under suspended loads.

RESIDUAL

6 · MED

HAZARD

Burns from pressurised hot system

AT RISK

Operatives

INITIAL

12 · HIGH

CONTROLS

Confirm system cool before breaking joints; controlled drain-down; isolation and depressurisation verified; PPE.

RESIDUAL

4 • LOW

HAZARD

Hot works fire risk

AT RISK

Operatives, hospital

INITIAL

15 • HIGH

CONTROLS

Hot works permit; fire watch posted; extinguishers in place; combustibles removed/protected; post-work checks at +1hr.

RESIDUAL

4 • LOW

HAZARD

Chemical contact (BG29 dosing)

AT RISK

Operatives

INITIAL

9 • MED

CONTROLS

COSHH assessment; SDS held on site; gloves, eye and face protection; eye-wash available; controlled dispensing; spill kit.

RESIDUAL

3 · LOW

HAZARD

Flue penetration fire integrity

AT RISK

Hospital

INITIAL

12 · HIGH

CONTROLS

Fire-stopping inspection before sealing; certified materials; mandatory hold point; record on QA pack.

RESIDUAL

3 · LOW

HAZARD

Manual handling — pipework, modules

AT RISK

Operatives

INITIAL

9 · MED

CONTROLS

Mechanical aids; team lifting; manual handling training; plan lifts and storage; avoid twisting / awkward postures.

RESIDUAL

3 · LOW

HAZARD

Confined plantroom — heat / ventilation

AT RISK

Operatives

INITIAL

9 • MED

CONTROLS

Plantroom ventilation verified pre-start; rest breaks scheduled; hydration; supervisor monitoring; hot conditions trigger work-rest cycles.

RESIDUAL

3 • LOW

HAZARD

Slips / trips on cables / pipework

AT RISK

Operatives, Estates

INITIAL

9 • MED

CONTROLS

Daily housekeeping; cable management; defined walk routes; lighting; barriers around in-progress work.

RESIDUAL

3 • LOW

HAZARD

Asbestos disturbance (legacy plantroom)

AT RISK

Operatives, hospital

INITIAL

15 · HIGH

CONTROLS

Asbestos register reviewed pre-start; refurbishment survey if not present; stop-work and Estates referral if suspect material encountered.

RESIDUAL

3 · LOW

HAZARD

Pressure testing — hose / fitting failure

AT RISK

Operatives

INITIAL

12 · HIGH

CONTROLS

Pressure test authorisation; calibrated equipment; exclusion zone; rated hoses; controlled pressurisation; recorded results.

RESIDUAL

4 · LOW

HAZARD

BMS misconfiguration on cutover

AT RISK

Hospital, patients

INITIAL

12 • HIGH

CONTROLS

Functional proving end-to-end before cutover; cutover sequence rehearsed; rollback plan agreed; Estates witness; BMS engineer attendance.

RESIDUAL

4 • LOW

HAZARD

Out-of-hours fatigue / human error

AT RISK

Operatives, hospital

INITIAL

12 • HIGH

CONTROLS

Cutover plan rehearsed; team rested before window; checklist-driven sequence; supervisor authority to abort; rollback to temporary plant always available.

RESIDUAL

4 • LOW

HAZARD

Waste / chemical spill

AT RISK

Environment, hospital

INITIAL

9 • MED

CONTROLS

Waste segregation; controlled draining; bunded storage; spill kits in plantroom; SDS retained; controlled disposal under duty of care.

RESIDUAL

3 · LOW

Conclusion. After implementation of the listed controls, residual risks reduce to ALARP. Dynamic risk assessment is undertaken daily; this register is reviewed if site conditions change. Emergency arrangements: hospital procedures override contractor procedures — gas leak, electrical incident or chemical splash all defer to Estates emergency response.

14

SIGN-OFF

Briefed.
Understood.
Signed.

No operative starts work without attending the briefing, agreeing the safe system of work and signing this record. Failure to comply is grounds for removal from site.

Confirmation by operative

- I have attended the RAMS briefing for this project.
- The Method Statement and Risk Assessment have been explained to me.
- I understand the scope of works and the eleven-phase sequence.
- I understand the hospital-specific overlay: permits, infection control, clinical access, continuity of service.
- I understand the LOTO procedure: identify, notify, isolate, drain/purge, prove, release.
- I understand that gas works require Gas Safe certification, and electrical works require NICEIC certification.
- I will use the required PPE at all times and report unsafe conditions immediately.
- I understand that hospital emergency procedures override contractor procedures.
- I understand that failure to comply may result in removal from site.

NAME (PRINT)

COMPANY

ROLE

SIGNATURE

DATE

—

—

—

—

—

Declaration by Built AI

This RAMS briefing was delivered in full and all operatives confirmed understanding of the content.

SITE SUPERVISOR SIGNATURE

DATE

Witnessed by Estates

Meridian Health Trust / St Aldwyn's Hospital Estates representative — permit and isolation witness.

ESTATES SIGNATURE

DATE

ABOUT THIS DOCUMENT

STANDARDS

RAMS Submission incorporating Method Statement, Risk Assessment, COSHH framework and Permit Register, prepared by Built AI for the replacement of two Hoval UltraGas® 2 D dual-module boilers and ancillary plant at St Aldwyn's Hospital. To be read with the approved technical submission, programme, and Hoval installation instructions.

DOCUMENT CONTROL

Reference · BAI-RAMS-SAH-BOILERS-001

Revision · A

Issued · 13.02.2026

Status · For approval

Author · Cameron Whitley

Audience · Meridian Health Trust

CDM 2015

IGEM/UP/10 (gas)

BSRIA BG 29 (water)

NICEIC (electrical)

Hoval installation guide

Hospital site rules

GENERATED WITH

RAMS Factory™

A Built AI workflow pack

builtai.io