

GAS PIPEWORK INTERFACE

ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

COMPETENCE-GATED: Gas Safe registered engineers only, within their categories

KD-RAMS-ME-007 Rev A0

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5 (this document is the recorded safe system of work); PUWER 1998; Manual Handling Operations Regulations 1992; Work at Height Regulations 2005; COSHH 2002; CDM 2015 regs 13 and 15. Activity-specific law is cited on the documents it applies to: Gas Safety (Installation and Use) Regulations 1998, the Fluorinated Greenhouse Gases Regulations 2015 for refrigerant handling, and ACOP L8 (4th edition, 2013) for water systems.

1 DOCUMENT AND PROJECT IDENTIFICATION

RAMS REFERENCE	PROJECT / SITE REF	SITE NAME AND ADDRESS	DATE PREPARED	NEXT REVIEW DATE
CLIENT / PRINCIPAL CONTRACTOR	PLANNED START	DURATION	OPERATIVES	SUPERVISING THE WORK

2 SCOPE OF WORKS

Installation and testing of gas pipework by Gas Safe registered engineers working within their registration categories: pipework, tightness testing, purging and connection, to IGE/UP procedures.

This document does not cover: ANY gas work by persons not Gas Safe registered for the work — the register category is checked before work is assigned; LPG unless the registration covers it.

SITE-SPECIFIC SCOPE, LOCATIONS AND LIMITATIONS

3 RISK ASSESSMENT — SCORE EACH RISK FOR THIS SITE, THEN ADD WHAT IS MISSING

The hazards and controls below are the starting point for this activity, written by a working main contractor. They are not complete for your site until a competent person has scored each risk, added the site-specific hazards, and struck out anything that does not apply. Rate risks High / Medium / Low before and after controls.

1. Manual handling of pipe, ductwork, plant and sanitaryware

At risk: Operatives

Controls: Mechanical aids first — pipe trolleys, duct lifters, stair-climbers, genies for plant; two-person lifts as the default for lengths and units; order in manageable sections; protect the route.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

2. Striking hidden services when drilling, cutting or fixing

At risk: Operatives

Controls: Check drawings and the services register, scan with a CAT before drilling or chasing into existing fabric, respect safe zones, and stop and reassess if an unrecorded service is found.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

3. Slips, trips and housekeeping

At risk: Everyone in the work area

Controls: Keep the workface clear, remove waste and offcuts as they are created, route leads at high level or under mats, and maintain task lighting.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

4. Gas escape — fire and explosion

At risk: Everyone in the building

Controls: Gas Safety (Installation and Use) Regulations 1998: work only by registered engineers within category; tightness test before and after work per IGE/UP-1; purge to IGE/UP-1A; no ignition sources during purging; escapes — evacuate, ventilate, isolate, report per the emergency procedure.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

5. Working on live gas without isolation

At risk: Operatives

Controls: Isolate and lock off at the emergency control valve; label; prove gas-free before hot work near pipework; permits where the site operates them.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

Site-specific hazards not listed above — every site has at least one:

HAZARD	WHO IS AT RISK	CONTROLS	INITIAL H/...	RESIDUAL...	ACTION OWNER	BY WHEN

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4 METHOD — SEQUENCE OF WORK

- 01 Verify the engineer's Gas Safe registration covers the work category — recorded on page one before work starts.
- 02 Isolate at the ECV; lock and label; relieve pressure safely.
- 03 Install pipework to the specification; support and sleeve as required.
- 04 Tightness test per IGE/UP-1 with calibrated equipment; record results.
- 05 Purge per IGE/UP-1A with ignition sources excluded and ventilation confirmed.
- 06 Commission appliances only within registration categories; complete the gas documentation.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

Calibrated gauges / manometers
Purge equipment

Gas detectors

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

6 PPE — THE LAST LINE OF CONTROL, NOT THE FIRST

Head protection
Safety footwear
High visibility

Gloves — task-rated
Eye protection
Hearing protection

Gas detector carried during purge

RPE TYPE, FACE-FIT STATUS, AND ANY OTHER PPE REQUIRED

7 PERMITS REQUIRED BEFORE THIS WORK STARTS

A permit authorises this work in that place, on that day. It extends the safe system of work in this document — it does not replace it (HSE HSG250). The site issues the permit; record its number before work starts.

KD-PTW-GP-003 — General Permit to Work

Where the site requires a permit for gas connections and purging.

PERMIT NUMBER

8 EMERGENCY ARRANGEMENTS — COMPLETE FOR THIS SITE

FIRST AIDER AND LOCATION

NEAREST A&E

ASSEMBLY POINT

HOW THE ALARM IS RAISED

EMERGENCY ACCESS FOR THIS WORK AREA

SPILL / ENVIRONMENTAL RESPONSE

9 BRIEFING RECORD — EVERYONE WORKING UNDER THIS RAMS SIGNS BEFORE STARTING

By signing you confirm the contents of this RAMS have been explained to you, you understand the hazards and controls, and you will work to the sequence stated. Tell the supervisor if the work or the site does not match this document — work stops until it does.

NAME	COMPANY	SIGNATURE	DATE

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10 PREPARED AND ACCEPTED

Prepared / adapted for this site by — I confirm I have adapted this document to the site, scored the risks, and that it describes how the work will actually be done.

PRINTED NAME	ROLE / COMPETENCE	COMPANY	SIGNATURE	DATE	TIME

Accepted for the site by — principal contractor or site manager review.

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Review this RAMS if the work, the site or the law changes, and at least before each new phase of the works. Flatten the completed PDF before filing so the record cannot be silently edited.

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-08-09	first-issue	First issue.	— not yet approved —
D1	2026-08-10	material	Refrigerant law cited properly as the Fluorinated Greenhouse Gases Regulations 2015 in place of "the F-Gas Regulation"; ACOP L8 dated to the 4th edition, 2013; COSHH 2002 added to the legal basis. Legislation position reviewed against Product Legislation Register KD-REG-01 Rev R01.3 and the August 2026 horizon scan; cutoff moved to 10 August 2026.	— not yet approved —
A0	2026-08-27	review	Approved for issue by the author. Content unchanged from D1; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft, not approved and not for sale; A = approved for issue by the person named, on the date shown.