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**Document name:** 211196-EDGE-XX-XX-RP-G-0001\_GAS PROTECTION VALIDATION RECORD\_PLOT 88 VISIT 1 [P01]

## GAS PROTECTION VALIDATION RECORD FOR PLOT 88 VISIT 1, 211196 – SCHOOL STREET, RADCLIFFE

**Prepared for:**  
**Seddon Construction Limited**  
Plodder Lane  
Bolton  
BL4 0NN

| Revision | Date       | Description               | Prepared by | Checked by | Approved by |
|----------|------------|---------------------------|-------------|------------|-------------|
| R01      | 14/11/2025 | Gas Protection Validation | JC          | CR         | CR          |

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One record sheet to be completed for each plot inspected by a suitably qualified independent consultant/engineer

|                    |                          |                                 |                                                 |                        |                                 |
|--------------------|--------------------------|---------------------------------|-------------------------------------------------|------------------------|---------------------------------|
| <b>Job No</b>      | 211196                   | <b>Design/specification ref</b> | 211196-EDGE-XX-XX-RP-G-0006_DET_REM_STRAT [P04] |                        |                                 |
| <b>Site Name</b>   | School Street, Radcliffe | <b>Building use</b>             | Residential                                     |                        |                                 |
| <b>Plot No</b>     | 88                       | <b>Building description</b>     | Detached                                        |                        |                                 |
| <b>Compiled By</b> | JC                       | <b>Gas protection type</b>      | Passive                                         | <b>Foundation type</b> | Suspended floor, beam and block |

|                                          |                              |                           |                     |    |                     |     |
|------------------------------------------|------------------------------|---------------------------|---------------------|----|---------------------|-----|
| <b>Ventilated sub floor (if present)</b> | <b>Inspection date/type:</b> | 21 <sup>st</sup> May 2025 | <b>Inspected by</b> | JC | <b>Photographed</b> | Yes |
|------------------------------------------|------------------------------|---------------------------|---------------------|----|---------------------|-----|

|                              |     | Notes/comments (see guide notes below)                        |
|------------------------------|-----|---------------------------------------------------------------|
| Void former type             | Y/N | 1. Ok, as per design.                                         |
| Height of void space         | Y/N | 2. > 150 mm as per design.                                    |
| Gravel type                  | Y/N | 3. N/A                                                        |
| Pipe size and spacing        | Y/N | 4. Ok                                                         |
| External wall air bricks     | Y/N | 5. Air bricks as per design, clear and free of any blockages. |
| Internal sleeper walls       | Y/N | 6. Ok                                                         |
| External vent trenches/ducts | Y/N | 7. N/A                                                        |

|                    |                              |                           |                     |    |                     |     |
|--------------------|------------------------------|---------------------------|---------------------|----|---------------------|-----|
| <b>Gas barrier</b> | <b>Inspection date/type:</b> | 21 <sup>st</sup> May 2025 | <b>Inspected by</b> | JC | <b>Photographed</b> | Yes |
|--------------------|------------------------------|---------------------------|---------------------|----|---------------------|-----|

|                           |     | Notes/comments (see guide notes below)                                                        |
|---------------------------|-----|-----------------------------------------------------------------------------------------------|
| Membrane type             | Y/N | 8. ITP POWERBASE MULTIGAS MEMBRANE MG 500                                                     |
| Extent of coverage        | Y/N | 9. Complete ground floor                                                                      |
| Underside of membrane     | Y/N | 10. Good condition                                                                            |
| Slab/membrane condition   | Y/N | 11. Small hole identified on west side of plot, patched immediately.                          |
| Laps and joints           | Y/N | 12. Joints lapped correctly                                                                   |
| Damp-proof membrane       | Y/N | 13. Ok                                                                                        |
| Service entries and seals | Y/N | 14. Ok                                                                                        |
| Cavity inspection         | Y/N | 15. Unable to see cavity although membrane clearly spans cavity and jointed to main membrane. |

## Guide notes

|     |                              |                                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Void former height           | Proprietary type – manufacturer and specification, in accordance with design? Installed property without damage                                                                                                                                                                                                                                                              |
| 2.  | Height of void space         | Height of proprietary former of constructed ventilated space below suspended floor – note any debris on void/obstructions to air flow, note formation surface soil type (e.g. crushed concrete/brick), evidence of flooding                                                                                                                                                  |
| 3.  | Gravel type                  | Gravel type if used (limestone/granite etc) and any specification (e.g. 6F2), typical particle dimensions (mm), apparent fines content (low/high), compaction (loose/dense), waterlogging/contamination by clay, organic matter, other debris. Take photographs of stockpile or check details on delivery notes. Check depth of stone conforms to at least 300 mm if visible |
| 4.  | Pipe size and spacing        | Diameter in mm; material type (e.g. PVC); slotted or perforated; positioning and spacing/separation and jointing as on design drawing – if not sketch arrangement – do pipes connect with external (telescopic/swan neck) vents? Take photographs of vents on external walls for each plot.                                                                                  |
| 5.  | External wall airbricks      | Check numbers, size, and positions as design drawing – check for blockage e.g. mortar, soil, paving's etc                                                                                                                                                                                                                                                                    |
| 6.  | Internal wall airbricks      | Check ventilation holes e.g. honeycomb brickwork or pipe crossings – note size, spacing and location                                                                                                                                                                                                                                                                         |
| 7.  | External vent trenches/ducts | Check whether located and constructed in accordance with design drawings; if open-topped gravel, note gravel type and presence of fines/contamination; if pipe or other vents – check positions and construction for functionality and absence of blockages – vents may be built over                                                                                        |
| 8.  | Membrane type                | Note manufacturer and product specification, including batch/roll numbers if present – in accordance with specification? Check stock storage arrangements – protected from dirt and damage                                                                                                                                                                                   |
| 9.  | Extent of coverage           | If membrane cover is incomplete, then further inspection will be required – note areas completed/incomplete – is membrane fully visible or have internal walls been constructed over membrane/screed placed?                                                                                                                                                                 |
| 10. | Underside of membrane        | Where necessary, for example, when using a granular blanket as a ventilation layer, check the underside of the membrane has adequate protection e.g. minimum 50 mm no fines concrete blinding layer or appropriate geo-textile                                                                                                                                               |
| 11. | Slab/membrane condition      | Record presence of ducts/rough surfaces, in particular sharp projections, below or above membrane; record locations of all punctures or repairs, note arrangements to protect membrane surface from traffic/tools and equipment/materials and temporary weighting down of membrane e.g. use of boards. Take photographs of each plot inspected.                              |
| 12. | Laps and joints              | Check that all joints are lapped and sealed in accordance with manufacturer's requirements/specification, particular where creases/folds are present (usually minimum 150 mm laps with double-sided tape between sheets and single sided tape on top surface; note size of sheets and frequency of edge seals). Take photographs of jointing for each plot                   |
| 13. | Damp-proof course            | Record DPC manufacturer and product code – usually integrated with the membrane; measure the DPC projection from external wall in mm; check laps and seals between membrane and DPC – note any potential stress points and tension between the two; check for damage to DPC                                                                                                  |

|     |                           |                                                                                                                                                                                                                                   |
|-----|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14. | Service entries and seals | Check top hat seal arrangement in accordance with design/specification (laps and seals between top hat and floor membrane, pipe upstand is usually a minimum 150 mm) check. Take photographs for all plots inspected              |
| 15. | Cavity inspection         | Check gas membrane or gas resistant DPC is taken across cavity. Check for rips across cavity. Check for jointing detail of gas resistant DPC or membrane across cavity to main membrane. Take photographs for all plots inspected |

This plot has PASSED inspection.

(any proposed remedial works should be noted in the 'Notes/comments' column of this form)

An additional inspection IS NOT required for this plot.

A selection of photographs are presented overleaf, the full set can be provided upon request.

