GAS MEMBRANE VALIDATION

Site: East Tame	
Date: 31-01-2018	Project Number: 10-917
Project Manager: D. Cox	E3P Engineer: R. Tidsey
Ground Gas Risk Assessment: **Characteristic Situation 2 / Amber 1**	

Overview:

The membrane comprised a Visqueen Gas Barrier (Blue) resistant to radon, carbon dioxide and methane. E3P can confirm there were no holes or rips at the time of inspection. Upon being laid the membrane is to be covered with a Celotex (closed Cell) floor insulation material which is considered to provide a high degree of protection.

All external joints were inspected and E3P can confirm that the membrane was overlapped and double taped to external and internal gas resistant DPM. The membrane was taped to the gas resistant DPM using a double sided jointing tape. All the overlaps were then additionally taped using foil backed girth tape.

Each unit has a service duct located to the front and outer edge of the property. E3P inspected each one and can confirm that the top-hats have been adequately sealed against the membrane.

Based on the information provided within this report, the site inspections and validation checklists, E3P can confirm that **Plot 8 & 9** has been installed with gas protection measures in accordance with Characteristic Situation 2 / Amber 1 to an acceptable level of workmanship.

Membrane Specification: Visqueen Gas Membrane (Blue)



Plot - 8

General Condition of Membrane-Good Condition



Verification of Joints and Seals-Good Condition





Verification of Service Penetrations-Good Condition





Verification of Ventilation-Good Condition



Plot - 9

General Condition of Membrane-Good Condition



Verification of Joints and Seals-Good Condition



Verification of Service Penetrations-Good Condition





Verification of Ventilation-Good Condition



Gas Protection Validation Site Record

Plot No: 8+9 Hyde

Inspection date/time:	31/01/18	Inspected by:	RT	Photographed:	✓/×

	✓/×	Notes/recommendations
Membrane Type Correct	✓	
Extent of Coverage Correct	✓	
Underside of Membrane	✓	
Slab / membrane condition	✓	
Laps and joints	✓	
Damp-proof course		
Service entries	✓	
Folded Membrane Joint Taped & inspected	✓	

This Plot has **PASSED/FAILED*** inspection. (Any proposed remedial works will be noted in the "Remarks" column on this form).

An additional inspection visit IS/IS NOT* required for this Plot.

Inspection by: RT Signed: RTY

One record sheet to be completed for each plot – To be completed by E3P Professional Inspecting.

Environmental Engineering Partnership Limited trading as E3P
Registered in England No: 08725262 Registered Office: Heliport Business Park, Liverpool Road, Eccles, Salford, M30 7RU