

Gas Protection Verification Accreditation Scheme



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CL:AIRE Leading Sustainable Land Reuse

Presentation Content

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Objectives



Ensures that gas verification meets the necessary technical and regulatory standards



Increase the knowledge of gas mitigation verification across the development industry



Provide a list of competent individuals who undertake inspection of gas protection measures and prepare verification reports



Complements the NQMS by providing a process by which competency in gas protection verification can be demonstrated



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History

Industry representatives came together in 2017: consultants, membrane installers, membrane suppliers, verifiers and regulators

Develop an outline verification accreditation scheme

Public consultation March 2019, reported results September 2019

Broad support from all sectors

The scheme is in two parts. Accreditation scheme for individuals and report prepared under scheme that meets standards (declaration of compliance)



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Accreditation Scheme

TGPV

Technician Level of accreditation is intended for field technicians who confine their work to inspections and do not prepare verification design or method statements (although they will follow ones prepared by others) and do not prepare verification reports (although they do prepare field records that form part of the validation report).

SGPV

Specialist Level of accreditation applies to those involved in the whole range of gas protection verification including design of the verification, preparation of method statements, inspections and validation reports.

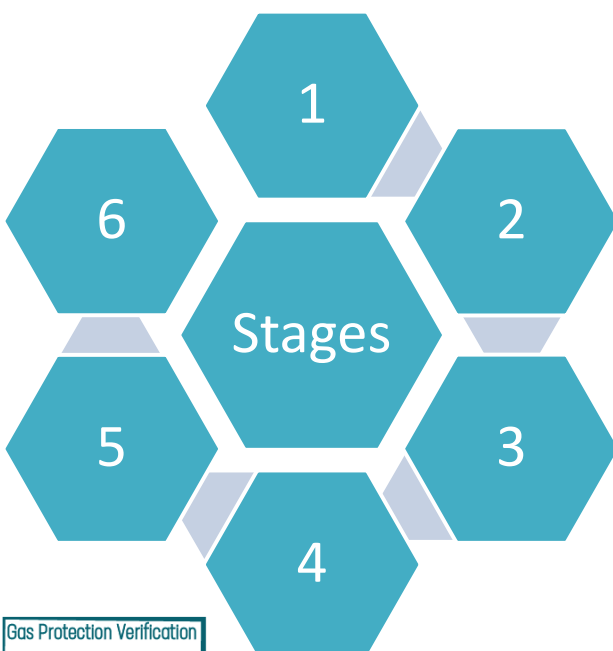
ONLY SGPV can sign declaration of compliance.



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Stages of Scheme



- 1 – Eligibility Criteria of Practitioners
- 2 – Application Process
- 3 – Assuring the quality of the work
- 4 – Preparation of the Verification Report
- 5 – Applying a declaration of compliance
- 6 – Process Review



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Stage 1 – Eligibility Criteria



Series of capabilities measured against for TGPV and SGPV

- Knowledge and Understanding
- Practical



NVQ Level 4 – Diploma in Verification of Ground Gas Protection System recognised can be automatically awarded TGPV (subject to application)



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Stage 1 – Eligibility Criteria

Practical Skills

Safe Working Practices

Applying the requirements of the verification plan

Identifying faults and damage

Integrity Testing

Transparent Process

<https://www.claire.co.uk/what-is-gpv-accreditation>

Different skills assessed for TGPV and SGPV



Knowledge and Understanding Skills

Interpretation of information

Safe Working Practices

Contracting and Programme Issues

Types of Protection and Methods of Installation

Construction Drawing and Specifications

Verification Plans

Choice of Verification and Test Methods

Advice

Verification Reports

Independence

Understanding of other specialisms

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Stage 2 – Application Process

- Online Submission
 - Current CV
 - Training undertaken
 - Two referee statements
 - SGPV – example of verification plan and validation report prepared
 - TGPV – evidence of input to verification plan (prepare field records)
 - Payment
 - Pre-interview questions



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Stage 2 – Application Process

- All candidate agree to GPVS Code of Conduct
- Administrative check
- Assessors selected following conflict check
 - Technical Interview with 2 assessors (virtual)If pass then move to practical
If review - feedback provided to candidate
 - Practical Interview with 2 assessors (virtual)
 - Assessor complete assessment report



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Stage 2 – Application Process

- Result with feedback
- Certificate sent out to all SGPV & TGPV
- Invite all SGPV to be on register – annual subscription
- Award SGPV Number
- Upload details on SGPV Register



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Stage 2 – Application Process

SGPV Register

Detailed below is the Register of Specialists in Gas Protection Verification (SGPV) under the Gas Protection Verification Scheme.

Only individuals on this register have undertaken the necessary training and passed the required examination. Individuals acting in this role ensure that good practice is consistently and demonstrably applied.

If you have any queries regarding this register, please go to the Help Desk and raise a help request under GPVS.

Registration No.	Name	Company
SGPV0001	Michael Corban	MEC Environmental Ltd
SGPV0002	Barrie Ackroyd	Membrane Testing Solutions Ltd
SGPV0003	Michael Sweeney	GQA Environmental
SGPV0004	Ben Crowther	Geoenginseer Ltd
SGPV0005	Paul Colbeck	Geoshield Limited
SGPV0006	Ian Cochrane	Mason Evans
SGPV0007	Steve Wilson	The Environmental Protection Group Ltd (EPG)



<https://www.claire.co.uk/projects-and-initiatives/sgpv-register>

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Stage 2 – Application Process

- Construction Skills Certification Scheme Limited (CSCS) recognises Specialist level of GPVS and people are eligible to apply for a Professionally Qualified Persons card
- Individuals need to have passed the Manager and Professional level Health , Safety and Environment test

www.cscsonline.uk.com



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Stages 3 & 4

Stage 3 – Assuring the Quality of Work on Site

- Accredited personnel will assure themselves that the quality of workmanship is in accordance with current standards to BS 8485: 2015+ A1 2019 and suitable inspection records are prepared.

Stage 4 – Preparation of the Validation Report

- Preparation of the validation report that demonstrates the effectiveness of the gas protection measures is produced in accordance with current standards.



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Stage 5 – Declaration



A SINGLE ONLINE
DECLARATION
PREPARED PER
VERIFICATION
REPORT



FEE PAID TO
AUTHENTICATE THE
DECLARATION



DOWNLOADABLE AND
APPEND TO THE
VERIFICATION
REPORT



SIGNED BY SGPV



EACH DECLARATION
WILL HAVE A UNIQUE
REFERENCE NUMBER



EACH REFERENCE
NUMBER WILL BE
PUBLICLY AVAILABLE
TO VIEW ON
REGISTER ASSIGNED
AGAINST THE SGPV



DECLARATION FOR
RESIDENTIAL SITE = 1-
50 PLOTS



DECLARATION FOR
COMMERCIAL/RETAIL
= PER BUILDING UNIT



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Declaration

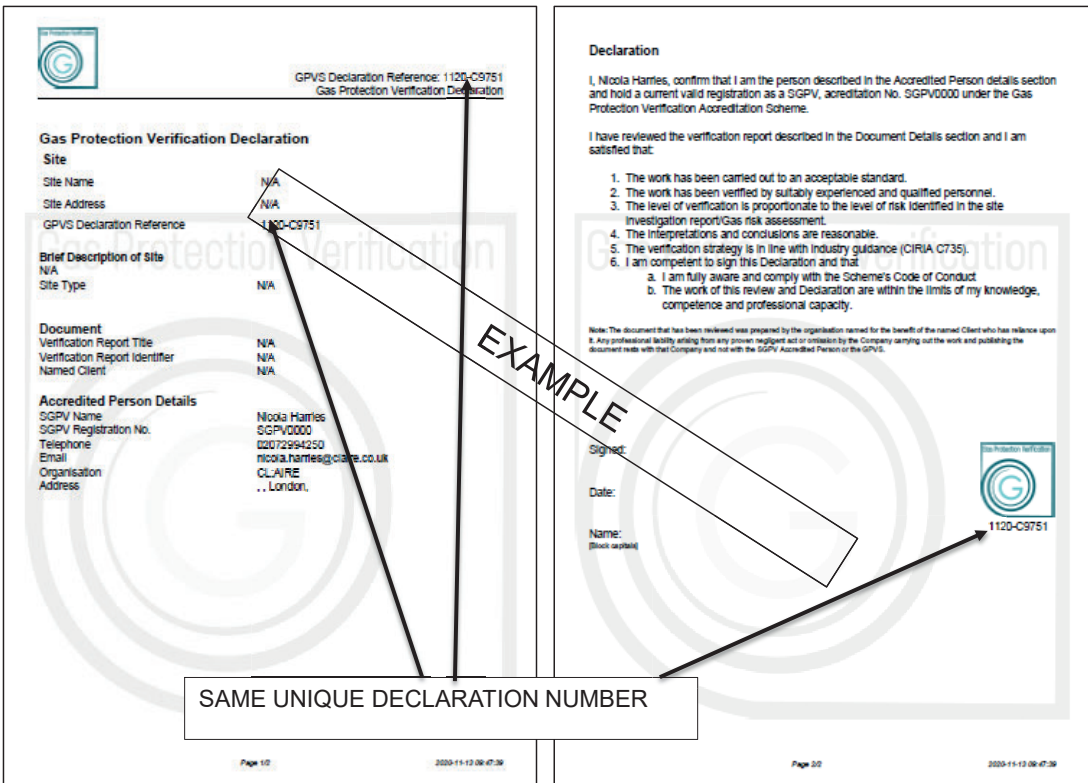
- Report **must** have a Declaration appended and signed by SGPV to conform to the GPVS
- Declaration is then tracked by the system and eligible for auditing
- Declaration requires SGPV to declare that they are abiding by the Code of Conduct
- Allows disciplinary procedures to be enforced



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Declaration



The image shows a 'Gas Protection Verification Declaration' form. It is divided into two main sections: 'Site' and 'Declaration'. The 'Site' section contains fields for Site Name, Site Address, GPVS Declaration Reference (1120-C9751), Brief Description of Site, Site Type, Document, Verification Report Title, Verification Report Identifier, Named Client, and Accredited Person Details. The 'Declaration' section contains a declaration statement, a list of six points, and a signature line. A large diagonal watermark 'EXAMPLE' is overlaid on the form. A box labeled 'SAME UNIQUE DECLARATION NUMBER' points to the reference number in both sections. The form is dated 2020-11-13 09:47:39. The CL:AIRE logo is visible in the bottom right corner.

Gas Protection Verification Declaration

GPVS Declaration Reference: 1120-C9751
Gas Protection Verification Declaration

Site

Site Name: N/A
Site Address: N/A
GPVS Declaration Reference: 1120-C9751
Brief Description of Site: N/A
Site Type: N/A
Document: N/A
Verification Report Title: N/A
Verification Report Identifier: N/A
Named Client: N/A
Accredited Person Details:
SGPV Name: Nicola Harris
SGPV Registration No.: 02072994250
Telephone: nicola.harris@claire.co.uk
Email: CL:AIRE
Address: ... London,

Declaration

I, Nicola Harris, confirm that I am the person described in the Accredited Person details section and hold a current valid registration as a SGPV, accreditation No. SGPV0000 under the Gas Protection Verification Accreditation Scheme.

I have reviewed the verification report described in the Document Details section and I am satisfied that:

1. The work has been carried out to an acceptable standard.
2. The work has been verified by suitably experienced and qualified personnel.
3. The level of verification is proportionate to the level of risk identified in the site investigation report/Gas risk assessment.
4. The interpretations and conclusions are reasonable.
5. The verification strategy is in line with industry guidance (CIRIA C735).
6. I am competent to sign this Declaration and that:
a. I am fully aware and comply with the Scheme's Code of Conduct.
b. The work of this review and Declaration are within the limits of my knowledge, competence and professional capacity.

Note: The document that has been reviewed was prepared by the organisation named for the benefit of the named Client who has reliance upon it. Any professional liability arising from any proven negligent act or omission by the Company carrying out the work and publishing the document rests with that Company and not with the SGPV Accredited Person or the GPVS.

Signature: _____
Date: _____
Name: _____
(Block capital)

1120-C9751

SAME UNIQUE DECLARATION NUMBER

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Stage 6 – Process Review

- CL:AIRE will maintain a register of all declarations
- Scheme is designed to improve competency of personnel and quality of validation report preparation for gas protection
- Scheme will ensure proactive and reactive mechanisms to capture feedback
- Auditing
- Complaints and disciplinary procedures with range of sanctions for non compliance



Website

Gas Protection Verification Accreditation Scheme



The Gas Protection Verification Accreditation Scheme (GPVS) is a scheme that seeks to raise standards in membrane inspection, verification and reporting and provide all stakeholders involved in land contamination management with confidence that risks associated with ground gases have been adequately managed. The scheme applies to both the practical installation of the gas mitigation measures and to the verification reporting process. Recognising different personnel often undertake inspection and reporting, there are two separate accreditation routes to demonstrate competence 'Specialist in Gas Protection Verification' (SGPV) and 'Technician in Gas Protection Verification' (TGPV).

Scheme Framework

- Register of GPVS Assessors
- SGPV Register
- Overview of GPVS Scheme
- What is GPV Accreditation?
- Acting as an Assessor
- GPVS Code of Conduct
- Scheme fees and charges

GPVS Processes

- Privacy Protection Policy for Assessors
- Becoming an Accredited Person
- Purchasing a GPVS Declaration
- Application Appeal Procedure
- Disciplinary Procedures

Useful Information & Links

www.claire.co.uk/gpvs

GPVS Processes

Useful Information & Links

- Auditing
- Feedback
- Frequently Asked Questions
- SGPV and TGPV Training

To navigate through the GPVS web pages, please navigate using the articles index on the right.

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Website

Gas Protection Verification Accreditation Scheme



The Gas Protection Verification Accreditation Scheme (GPVS) is a scheme that seeks to raise standards in membrane inspection, verification and reporting and provide all stakeholders involved in land contamination management with confidence that risks associated with ground gases have been adequately managed. The scheme applies to both the practical installation of the gas mitigation measures and to the verification reporting process. Recognising different personnel often undertake inspection and reporting, there are two separate accreditation routes to demonstrate competence 'Specialist in Gas Protection Verification' (SGPV) and 'Technician in Gas Protection Verification' (TGPV).

GPVS Roadmap

Scheme Framework	Overview of GPVS Scheme
	What is GPV Accreditation?
	Acting as an Assessor
	GPVS Code of Conduct
	Scheme fees and charges
	Register of SGPV Accredited Persons
	Register of Assessors
GPVS Processes	Becoming an Accredited Person
	Purchasing a GPVS Declaration
	Application Appeal Procedure
	Disciplinary Procedures
Useful Information & Links	Auditing
	Feedback
	Frequently Asked Questions
	SGPV and TGPV Training

To navigate through the GPVS web pages, please navigate using the articles index on the right.

Scheme Details

Register of SGPV

Becoming an Accredited person –
Application Process

Purchasing a declaration



www.claire.co.uk/gpvs

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Assessors

- Request for assessors was made during consultation
- All assessors have been through the GPVS assessment process and been approved as SGPV.
- Demonstrate varied experience within the field of gas protection verification and validation
- Good appreciation of the importance of the scheme
- Register of assessors <https://www.claire.co.uk/register-of-assessors>
- Follow transparent process marking against criteria - 2 assessors agree outcome
- Assessments recorded in case of appeal
- All assessors voluntary, unpaid signed agreement
- Further information: <https://www.claire.co.uk/projects-and-initiatives/gpvs/112-scheme-framework/1333-acting-as-an-assessor>



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Costs

Application for Accreditation

- Technician level (TGPV) = £249.00 + VAT
- Specialist level (SGPV) = £249.00 + VAT
- Appeal Fee = £95.00 + VAT
- Annual Registration for SGPVs = £100.00 (annualised renewal date 31 October, pro-rata from awarding of accreditation in first year only)

Declaration Fee

- Residential & Commercial = £95.00 + VAT per declaration
- Bulk discounts available for SGPVs for large number of declarations purchased per year



<https://www.claire.co.uk/projects-and-initiatives/gpvs/112-scheme-framework/1344-scheme-fees-and-charges>

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Conclusion

- The scheme has been developed at the request of gas verification industry
- Success is up to you
- Look forward to receiving your applications



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Thank you & Questions

Help Desk

<https://www.claire.co.uk/help-desk>

Select GPVS



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