



SCHOOL LPG SAFETY, INSPECTION AND COMPLIANCE PROPOSAL

Powering school feeding safely and without interruption.



INSPECT

Evidence-based site assessment

VERIFY

Testing, findings and corrective action

DIGITISE

Secure report and Smart Gas Passport

Prepared for: School Governing Body • Principal • Facilities Management

30 August 2026 | Valid for 30 days | Gauteng and surrounding areas

SAFETY PRIORITY

Timely LPG inspections help schools identify leaks, deterioration, unsafe alterations and missing compliance records before they disrupt feeding operations or expose people and property to avoidable risk.

1. Executive Summary

Smart 1 Gas Connect proposes a structured LPG safety, inspection and compliance programme for school kitchens and other LPG installations on school premises. The programme establishes the installation's current condition, identifies safety and compliance gaps, records evidence, prioritises corrective action and provides a controlled route toward final verification and a valid Certificate of Conformity (CoC), where applicable.

Because LPG may be used near staff, service providers and learners, an installation with unknown condition, missing records, visible deterioration or unverified alterations should be inspected without unnecessary delay. The proposal is presented as a normal professional service; urgency applies to managing safety risk, not to pressuring the school into a decision.

RECOMMENDED ACTION

Authorise an initial site assessment so that the school can confirm what LPG equipment is present, whether valid records are available, and whether any condition requires immediate isolation, correction or further testing.

2. Why Timely Inspection Matters

- School feeding programmes depend on safe and reliable energy systems.
- Leaks, unsuitable regulators, damaged pipework, poor cylinder positioning, inadequate ventilation and unapproved alterations can create avoidable risk.
- A missing or outdated record makes it difficult for school management to demonstrate responsible oversight.
- Early inspection allows defects to be risk-ranked and corrected before they become more serious or cause service interruption.
- Only a registered practitioner working within the applicable authorised scope may perform regulated work and issue the relevant CoC.

Immediate Action Where Gas Is Suspected

If gas is smelled or a leak is suspected: keep people away; do not operate electrical switches, flames or ignition sources; close the supply only if it can be done safely; ventilate naturally where safe; and contact the LPG supplier, a registered gas practitioner or emergency services. The system must not be restarted until it has been assessed and declared safe by a competent person.

3. Programme Objectives

- Establish and document the LPG installation scope and operating condition.
- Identify immediate, high, medium and advisory findings.
- Verify available CoC, installation, appliance and service records.
- Complete appropriate leak, tightness, pressure and operational testing within the authorised practitioner scope and safe site conditions.
- Provide corrective-action recommendations and a separate quotation where work is required.
- Complete final verification and facilitate CoC issuance only after applicable compliance requirements have been satisfied.
- Create a secure digital inspection record and ongoing Smart Gas Passport history for the school.

4. Scope of Assessment

AREA	ASSESSMENT
Documentation	Existing CoC, appliance information, drawings and prior inspection or service records.
Cylinder installation	Condition, positioning, security, separation, ventilation, access and safety signage.
Gas controls	Regulators, changeover equipment, valves, emergency isolation and accessibility.
Pipework	Visible routing, supports, joints, sleeves, protection, identification, corrosion and damage.
Appliances	Isolation, connections, condition, flame operation, ventilation and installation factors.
Testing	Appropriate leak/tightness and pressure or operational tests, with instrument and result records.
Operational safety	Shutdown arrangements, access control, signage and staff emergency awareness.

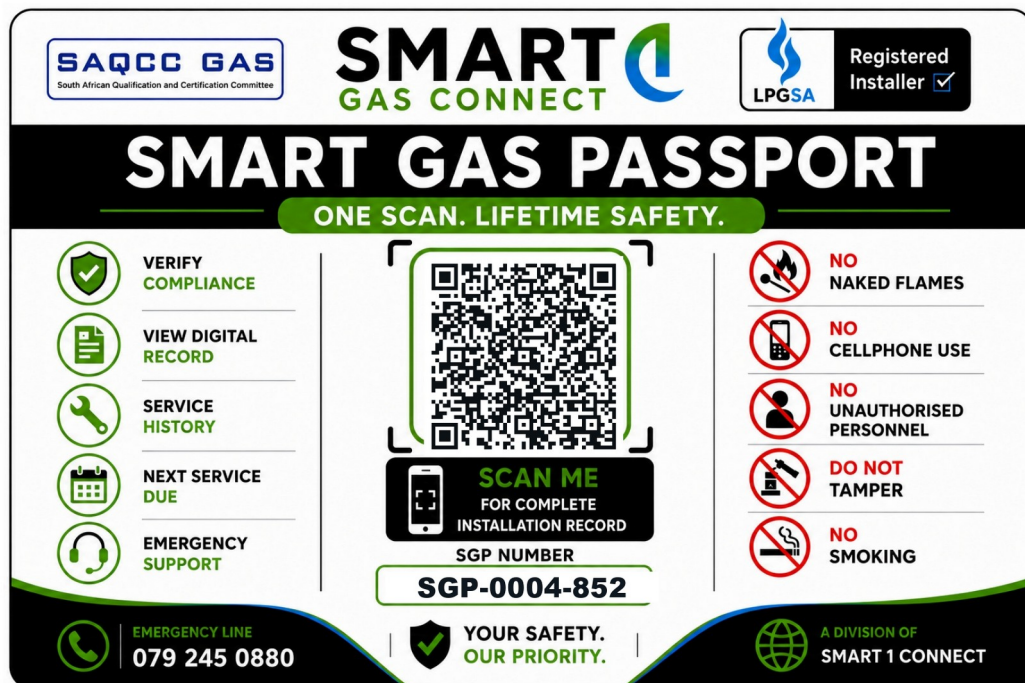
Scope Classification

At the start of the digital inspection, the practitioner records whether the visit relates to a new installation, modification, confirmation of safe use or another authorised inspection purpose. The installation classification and applicable practitioner scope are confirmed before regulated work or certification proceeds.

5. Digital Inspection and Smart Gas Passport

Every authorised assessment is captured through the Smart 1 digital inspection system. This creates a consistent, evidence-based record that can be reviewed, printed and updated over the installation's life.

DIGITAL FEATURE	SCHOOL BENEFIT
Structured inspection form	Consistent checks, mandatory inspection purpose and clear completion status.
Pressure-test record	Method, medium, instrument, pressures, duration, permitted drop, actual drop and result.
Evidence photographs	Photographic support for observations, defects and corrective work.
Risk summary	Findings ranked as Immediate, High, Medium or Advisory.
Corrective actions	Clear actions, responsibility and verification requirements.
Digital sign-off	Practitioner and authorised school representative acknowledgement.
Final report	Printable report that may be saved as PDF after the inspection.
Smart Gas Passport	Unique SGP number and QR-linked installation history after registration.



Illustrative Smart Gas Passport format. The QR code and SGP number are generated for the specific installation.

6. QR Access, Privacy and Record Control

The Smart Gas Passport is designed to provide useful safety verification without exposing the school's full inspection file to the public.

ACCESS LEVEL	INFORMATION AVAILABLE
Public QR scan	Installation safety/inspection status, practitioner identity and installation date or latest inspection date.
Protected customer access	Full report opened with a unique customer code held by the authorised school representative.
Practitioner access	Authorised inspection creation, evidence upload, reinspection and record updating.
Administrator access	Monitoring, retrieval, reissue, user administration and controlled access-code support.

New and Existing Installations

- For a new registered installation, the system generates a unique SGP number, QR code and printable A4 Smart Gas Passport vinyl after the report has been completed and the required status confirmed.
- For an installation that already has an SGP number, the existing QR or reference is loaded so that the installation history is updated rather than duplicated.
- The school's complete inspection information remains protected by its unique customer access code.

IMPORTANT LIMITATION

The Smart Gas Passport is a supporting digital inspection and lifecycle record. It does not replace the statutory Certificate of Conformity. A CoC is issued separately and only by the practitioner authorised for the applicable scope after compliance is achieved.

7. Deliverables

- Site assessment and LPG asset record within the agreed scope.
- Digital inspection findings and risk summary.
- Pressure-testing and operational-test record where applicable and safe to perform.
- Photographic evidence schedule, subject to school privacy and access rules.
- Defects and corrective-action recommendations.
- Separate quotation for repairs, replacements, modifications or upgrades.
- Final verification and CoC after applicable compliance requirements are satisfied.
- Printable final report and Smart Gas Passport registration where included in the accepted quotation.
- Recommended future inspection and maintenance schedule.

8. Delivery Process and Timeline

STAGE	ACTIVITY	TARGET OUTCOME
1	Authorisation and booking	Responsible school contact, records request and approved access.
2	Site assessment	Inspection, photographs, equipment record and applicable testing.
3	Immediate notification	Serious danger communicated to the authorised representative on the day.
4	Digital findings report	Risk-ranked report normally issued within two working days.
5	Corrective quotation	Required work priced separately for written approval.
6	Remedial work	Approved corrections completed within agreed programme.
7	Final verification	Reinspection and testing after corrective work.
8	CoC and digital handover	CoC issued when compliant; report, access code and SGP record handed over.

9. Roles and Responsibilities

Smart 1 Gas Connect will

- Provide evidence of the attending practitioner's active registration and applicable scope.
- Follow school access, safeguarding, privacy and health-and-safety procedures.
- Document findings accurately and keep learner and staff personal information out of inspection photographs wherever practicable.
- Communicate any condition presenting immediate and serious danger without delay.
- Carry out only work falling within the attending practitioner's authorised scope.

The school will

- Nominate an authorised contact and provide safe access to installation areas and available records.
- Inform the service provider of site-specific risks, safeguarding requirements and operational restrictions.
- Keep learners and unauthorised persons away from the inspection and work area.
- Approve chargeable corrective work, shutdowns and programme changes in writing.
- Retain the issued CoC, digital report and private access code as part of the school's safety records.

10. Practitioner Scope and Working Arrangement

School installations vary in capacity and use. The installation type is assessed before regulated work proceeds. Where Commercial LPG scope is required, Smart 1 Gas Connect works in agreement with T P Xaba of Gases For The Nation, whose supplied SAQCC Gas record lists Commercial Installer Vapour & Liquid and Domestic/Residential LPG categories. The practitioner responsible for regulated work and CoC issuance will be identified according to the applicable registered scope.

PARTY	ROLE / CREDENTIAL
Smart 1 Gas Connect	LPGSA Installer Member • Membership LPGM-IN-6665-572 • Valid 1 Jan–31 Dec 2026.
MS Moabi	SAQCC Gas ID 13687 • LPG Domestic/Residential • Supplied record expiry 6 May 2029.
T P Xaba / Gases For The Nation	SAQCC Gas ID 525 • Commercial Installer Vapour & Liquid and Domestic/Residential • Supplied record expiry 20 Nov 2027.

11. Commercial Terms

ITEM	BASIS
Initial assessment	Fee and scope stated in the written school-specific quotation.
Travel	Included within the stated service radius or agreed before booking.
Corrective work	Quoted separately; no chargeable work proceeds without written approval.
Reinspection	Included only where stated in the accepted quotation; otherwise quoted separately.
CoC and administration	Issued only after compliance; applicable charges stated in the quotation.
Smart Gas Passport	Digital registration, QR record and vinyl format included only where stated in the quotation.
Payment	Payment milestones and due dates are governed by the accepted quotation or purchase order.

The inspection does not guarantee that a CoC will be issued. Where defects are identified, the school remains responsible for approving and funding corrective work required to achieve compliance. Smart 1 Gas Connect may recommend isolation or suspension of affected equipment where continued operation may present unacceptable risk.

12. Acceptance and Next Step

By signing below, the school confirms its interest in appointing Smart 1 Gas Connect to arrange an LPG site assessment, subject to an accepted quotation or purchase order. This acceptance does not independently authorise chargeable corrective work.

RECOMMENDED NEXT STEP

Return the signed acceptance page or written appointment confirmation so that a school-specific quotation and inspection date can be finalised.

School name	
Authorised representative	
Position	
Signature	
Date	
Preferred inspection date	

13. Contact Details

DETAIL	INFORMATION
Service provider	Smart 1 Gas Connect
Legal entity	Smart 1 Connect (Pty) Ltd
Registration number	2025/251864/07
Contact person	Mandla Moabi
Telephone	079 245 0880
Email	S1.GROUP@OUTLOOK.COM
Working agreement	T P Xaba • Gases For The Nation • Commercial-scope support where applicable

YOUR SAFETY. OUR PRIORITY.

Supporting registration and membership records are attached as annexures to the final PDF.



Certificate of Membership

of the Liquefied Petroleum Gas Association of South Africa (NPC)

This is to certify that:

SMART 1 GAS CONNECT

INSTALLER MEMBER

is a member in good standing of the LPG Association of South Africa (NPC) and hereby commits to abide by the Code of Conduct of the LPGSA at all times.



GC Dhlabi

Managing Director

Membership Number: **LPGM-IN-6665-572**

Period of Membership: 1 Jan 2026 to 31 Dec 2026

#LPGas, a clean, efficient and safe energy for South Africa

This Certificate is issued by the LP Gas Safety Association of South Africa to members in good standing. This document has been compiled in good faith and the authors will not accept any responsibility for any omission, nor will they be held liable for any loss or damage that may arise as a result of reliance on the document or all the information herein. The LP Gas Industry Code of Conduct applies.



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[5 COMPLIANCE KEYS \(HTTPS://SAQCCGAS.CO.ZA/SAQCCGAS-5-COMPLIANCE-KEYS/\)](https://saqccgas.co.za/saqccgas-5-compliance-keys/)



SEARCH

Practitioner

SAQCC ID No:	13687
Name:	MS Moabi
Employer:	SMART 1GAS CONNECT
Address:	9195 XENON STREET
Suburb:	Nellmapius
Town:	PRETORIA
Country/Province:	GAUTENG
Telephone:	0792450880



Click on the tab to view scope of competency & validity of license

LPGSA - LPGas (click to view) ⌵

Gas Type		Gas Name	Gas Skill	Expiry Date
LPGSA	Fuel Gases	LPG	Domestic/Residential	06/05/2029
Carry out LP Gas vapour installations at residential premises, as per SANS 10087-1.				



(<https://saqccgas.co.za/>)

[ABOUT SAQCC GAS \(HTTPS://SAQCCGAS.CO.ZA/ABOUT-SAQCC-GAS/\)](https://saqccgas.co.za/about-saqcc-gas/) |

[INCIDENT / COMPLAINT \(HTTPS://SAQCCGAS.CO.ZA/INCIDENT-MANAGEMENT/\)](https://saqccgas.co.za/incident-management/) |

[5 COMPLIANCE KEYS \(HTTPS://SAQCCGAS.CO.ZA/SAQCCGAS-5-COMPLIANCE-KEYS/\)](https://saqccgas.co.za/saqccgas-5-compliance-keys/)



SEARCH

Practitioner

SAQCC ID No:	525
Name:	T P Xaba
Employer:	Gases For The Nation
Address:	42 Kwartel Avenue
Suburb:	Falcon Ridge
Town:	Vereeniging
Country/Province:	GAUTENG
Telephone:	076 083 5207



Click on the tab to view scope of competency & validity of license

LPGSA - LPGas (click to view) ✕

	Gas Type	Gas Name	Gas Skill	Expiry Date
LPGSA	Fuel Gases	LPG	Commercial Installer Vapour & Liquid	20/11/2027
	Carry out LP Gas installations at residential & commercial business premises, as per SANS 10087-1, 10087-2, & 10087-7.			
LPGSA	Fuel Gases	LPG	Domestic/Residential	20/11/2027
	Carry out LP Gas vapour installations at residential premises, as per SANS 10087-1.			

OUR AUTHORISED PRACTITIONER CARD ensuring you peace of mind

