



POLICY SCHEDULE FOR PRODUCT LIABILITY INSURANCE

UJIN NUMBER - IRDAN190P0081V01100001

Insured's Name	: ANVI TEK		
Insureds Details		Issuing Office Details	
Customer ID	: POB3866693	Office Code	: MITRA MANDAL BRANCH (153103)
Address	: ANVI TEK, MANNAT SQUARE, 2ND FLOOR, BAUXITE ROAD, OPPOSITE VISHAL DHABA, VIDYAGIRI, AZAM NAGAR, BELGAUM ,KARNATAKA, 590010	Address	: 484/1-31-32,MITRA MANDAL HOUSING SOCIETY, PARVATI ,411009
Phone No	: XXXXXX0474	Phone No	: 24420433 / 24423306
E-mail/Fax	: anvitekbelgaum@gmail.com, /	E-mail/Fax	: nia.153103@newindia.co.in /
PAN No	:	S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	: 29BJSPM1748M2ZA / NA	GSTIN	: 27AAACN4165C3ZP
		SAC	: 997139 (Other non-life insurance services excl RI)

Policy Details			
Policy Number	: 15310336240800000001	Business Source Code	
Period of Insurance	: From: 16/04/2024 05:09:29 PM To: 15/04/2025 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: Mr. SHREYAS BHANDARI - (AM00003609)
Date of Proposal	: 16-Apr-24	Agent/Bancassurance/S pecified Person	: Mr. ALANKAR SURESH MHAPSEKAR (NIAAG00132366) ALANKAR SURESH MHAPSEKAR (SI00218689)
Prev. Policy no.	:	Phone No	: 9168547447 / 9769656839
Client Type	: Corporate	E-mail/Fax	: insurance1190@gmail.com shreyas.bhandari@newindia.co.in / /

Premium(₹)	GST(₹)	Total(₹)	Total:(₹ in words)	Receipt No. & Date
20,400	3,672	24,072	RUPEES TWENTY-FOUR THOUSAND SEVENTY-TWO ONLY	1000008924040043563 3 - 16/04/24

Details of risk covered under current year policy:

Retroactive Date	Jurisdiction	Territory	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles	Worldwide excluding USA & Canada	Worldwide including USA & Canada
16/04/2024	India	India	12500000	1:4	50000000	AMT	5000	5000	5000	5000

Retroactive Dates

Retroactive Date Details	Date	Jurisdiction	Territory	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles	Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 1	16/04/2024	India	India	12500000	1:4	50000000	Amount	5000	5000	5000	5000

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.



Does the policy covers exports only	Vendors Liability	Type of Vendor	Voluntary Excess
No	NA	NA	0

Product Description
Gas or Oil Appliances (Domestic)-Gr5

Extensions under the Policy

Name of the Extension	Sub limit of the Extension	Deductibles of the Extension
Special Conditions	1. ANVI'S PREMIUM GAS SAFETY DEVICE 2. ANVI'S COMMERCIAL GAS SAFETY DEVICE 3. ANVI'S RAKSHAK PLUS GAS SAFETY DEVICE 4. ANVI'S AUTO CUT OFF LPG HOSE PIPES 5. GAS SAFETY DEVICE 6. ANVI'S NANO TECH GAS SAFETY DEVICE NA	
Special Exclusions	NA	
Special Excess/Deductible	0	

This Policy shall be subject to PRODUCT LIABILITY INSURANCE policy clauses attached herewith

Clauses	Description
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Premium and GST Details

	Rate of Tax	Amount in INR
Premium		₹ 20,400
SGST	0	0
CGST	0	0
IGST	18	3672

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 16th day of April,2024.

For and on behalf of
The New India Assurance Company Limited

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1/-.

Mudrank _____ Dt. _____ consolidated Stamp Fees Paid by Pay Order Number _____ vide receipt number _____ dt. _____.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 15310324P0000848

IRDA Registration Number: 190
NIA PAN NUMBER: AAACN4165C



CERTIFICATE

This is to Certify that the Management System of

ANVI TEK

MANNAT SQUARE 2ND FLOOR PLOT NO 09 CTS NO 2143 OPPOSITE
VISHAL DHABA BAUXITE ROAD ANNAPURNAWADI/VIDYAGIRI,
BELGAUM KARNATAKA -590010, INDIA.

has been assessed and found to be in compliance with the
requirements of the standard

ISO 9001: 2015

Quality Management System

This certificate is valid for the following products or service range

MANUFACTURER AND TRADER OF AUTO CUT OFF LPG HOSES , RO WATER PURIFIERS,
DOMESTIC AND COMMERCIAL LPG GAS SAFETY DEVICES
AND ACCESSORIES PRODUCTS.

The validity of certificate is subject to regular surveillance audit on or before below mentioned dates
and it's only valid after successful surveillance with continuation letter issued by UCSPL

Initial Date of Certification : 18/09/2023

Current Date of Certification : 18/09/2023

Date of Expiry :
17/09/2026

1st Surveillance Audit
17 September 2024
2nd Surveillance Audit
17 September 2025

Certification Number :
UCS8022-23B11932



Authorised Signatory



KAB-QC-80

UNIVERSAL CERTIFICATION SERVICES PVT. LTD.

E-mail : admin@universalcertification.co.in

Web : www.universalcertification.co.in

This certificate of registration remain the property of Universal Certificaon Services Pvt. Ltd. and shall be returned immediately upon request.
the validity of this certificate can be verified at www.universalcertification.co.in

India Office :A-12, P.NO . 105 -108, MADHUVAN PARK-1 KOLAR ROAD, BHOPAL (462042), Madhya Pradesh, INDIA.



CERTIFICATE OF COMPLIANCE

This is to Certify That

ANVI TEK

MANNAT SQUARE 2ND FLOOR PLOT NO 09 CTS NO 2143 OPPOSITE VISHAL DHABA BAUXITE
ROAD ANNAPURNAWADI/VIDYAGIRI BELGAUM KARNATAKA -590010, INDIA.

*has been assessed by Global Certification Services and
found to comply the requirements of*

GMP

Good Manufacturing Practice

FOR THE FOLLOWING ACTIVITIES:

**MANUFACTURER AND TRADER OF AUTO CUT OFF LPG HOSES, RO WATER PURIFIERS, DOMESTIC AND
COMMERCIAL LPG GAS SAFETY DEVICES AND ACCESSORIES PRODUCTS.**

*The Validity of Certificate is subject to regular surveillance audit on or before below mentioned dates and
it's only valid after successful surveillance with continuation letter issued by GCS.*

Initial Date of Certification: 18/09/2023

Current Date of Certification: 18/09/2023

Date of Expiry :

17/09/2026

1st Surveillance Audit

August 2024

2nd Surveillance Audit

August 2025

Certification Number :

GCS/GMP/7211



**Authorized signatory
Global Certification Services**

Streling green View-1, Chunabhathi, Bhopal, (M.P.), India.
Mo:8109031371 Email: globalcertification@ymail.com.

To Check the Certificate validity please refer - Website:www.globalcertification.co.in



REGN NU-UKAF-CB-024

This certificate of registration remains the property of GCS and shall be returned immediately upon request.

GCS is accredited by UK Akkreditering Forum Limited, UK (www.ukaf.org.uk)

5 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG78NN UK




CONFIDENTIAL

DEVELOPMENTAL TEST REPORT

No. SHL/16/2024-2025/3100020723/DT/2621

Date: 21.06.2024

1.0	NAME AND ADDRESS OF THE CUSTOMER	ANVI TEK No 1047 Plot No 9, APMC Bouxite Road, Beside Maratha mandal Dental College Belagavi-590010 Karnataka
	Contact Person:	Mr. Vijay K Madanbhavi
	Tel No.	9964910474
	Email Address	vijaykmadanbhavi@gmail.com
2.0	CUSTOMERS LETTER REF.	E-Mail Dated: 10.04.2024
2.1	CSP Receipt Date.	04.06.2024
3.0	DESCRIPTION OF TEST COMPONENT:	
	Name of The Component	Anvi's Premium Gas Safety Device
	Name of Component Manufacturer	ANVI -TEK No 1047 Plot No 9, APMC Bouxite Road, Beside Maratha mandal Dental College Belagavi-590010 Karnataka
	Identification / Part No.	VE11566
	Model / Type No.	Vertical
	Quantity	02 No.
	Photograph of the component	

PREPARED BY:	VERIFIED BY:	AUTHORISED BY:
		
S. N. LONDHE DEPUTY MANAGER	A.D. DEKATE GENERAL MANAGER	DR. B. V. SHAMSUNDARA DEPUTY DIRECTOR In-charge-Safety and Homologation Laboratory

DEVELOPMENTAL TEST REPORT NO.SHL/16/2024-2025/3100020723/DT/2621

4.0	TEST OBJECTIVE, REQUIREMENTS:		
	Carry out the Pressure test and Excess flow valve test as per request given by the customer given below in table.		
	Sr. No.	Test Description	Test Requirement and acceptance criteria
a.	Pressure Test	Excess flow valve fitted in the component shall not show any leakage at 18 bar pneumatic pressure.	Component withstood at 18 Bar pneumatic test pressure for 1 min
b.	Excess flow valve Check	Component shall reduce / stop of gas flow, when sudden pressure of 4 bar is applied.	After application of sudden pressure, excess flow valve operates and reduce the flow the gas completely.
5.0	Test Duration	Start Date: - 07.06.2024	End Date: - 10.06.2024
Disclaimer:			
<ol style="list-style-type: none"> ARAI issues Test Reports / Extension Reports / Developmental Test Reports for vehicles/ components/ parts/ assemblies etc. based on the documents produced and/or prototype/ vehicle(s) or sample(s) submitted by the applicant and testing thereof. ARAI issues Test Reports / Extension Reports / Developmental Test Reports in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of Test Reports / Extension Reports / Developmental Test Reports. Test(s) on prototype/ vehicle(s) or sample(s) is/are carried out on the basis of standard procedures as notified under specific rules / requested by the applicant. Results of such tests are the property of bearer of Test Reports / Extension Reports / Developmental Test Reports. These results cannot be disclosed unless specifically so ordered by Government, Court, etc. Unless otherwise supported by a separate Certificate, this Test Reports / Extension Reports / Developmental Test Reports shall not be considered in isolation as valid Type Approval for any vehicle. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which Test Reports / Extension Reports / Developmental Test Reports is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the vehicles/ components/ parts/ assemblies etc. for which the Test Reports / Extension Reports / Developmental Test Reports is/are issued. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the Test Reports / Extension Reports / Developmental Test Reports is/are issued. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of Test Reports / Extension Reports / Developmental Test Reports is/are issued and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard. ARAI has the right, but not under obligation, to initiate cancellation/ withdrawal of the Test Reports / Extension Reports / Developmental Test Reports is/are issued in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. 			
The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.			
PREPARED BY:		VERIFIED BY:	AUTHORISED BY:
			
S. N. LONDHE DEPUTY MANAGER		A.D. DEKATE GENERAL MANAGER	DR. B. V. SHAMSUNDARA DEPUTY DIRECTOR In-charge-Safety and Homologation Laboratory
Place of Issue: Kothrud, Pune			



End of Report



CERTIFICATE OF COMPLIANCE

WE HEREBY DECLARE THAT THE TECHNICAL FILE OF PRODUCT COMPLIED WITH THE REQUIREMENT OF "MACHINERY DIRECTIVE 2006/42/EC"



NAME : ANVI TEK

ADDRESS : MANNAT SQUARE 2ND FLOOR PLOT NO 09 CTS NO 2143 OPPOSITE VISHAL DHABA
BAUXITE ROAD ANNAPURNAWADI/VIDYAGIRI BELGAUM
KARNATAKA -590010, INDIA.

PRODUCTS : MANUFACTURER AND TRADER OF AUTO CUT OFF LPG HOSES, RO WATER
PURIFIERS, DOMESTIC AND COMMERCIAL LPG GAS SAFETY DEVICES
AND ACCESSORIES PRODUCTS.

Complies with the requirements applicable to it

"The Technical Construction File (TCF) has been assessed, approved and is subject to continuous surveillance according to the Machinery Directive 2006/42/EC"

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed
3. The certificate validity is conditioned by positive results or surveillance audits
4. The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production

Certificate No : GCS/CE/8495

Date of Certification	10/06/2024
1st Surveillance Audit Date	09/06/2029
2nd Surveillance Audit Date	09/06/2026
Certificate Expiry Date	09/06/2027

(subject to the company maintaining its system to the required standard)



Authorized Signatory

Global Certification Services

Sterling Green View-1, Chuna Bhatti, Bhopal (M.P.) India

Email : globalcertification@gmail.com,

To Check the Certificate validity please refer - Website : www.globalcertification.co.in



REGN NU-UKAF-CB-024

This certificate of registration remain the property of GCS and shall be returned immediately upon request.

GCS is accredited by UK Akkreditering Forum Limited, UK (www.ukaf.org.uk)

5 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG78NN UK

Technical Report: Leak Test on LPG Supply Line Using Anvi Tek Gas Leak Safety Device

1. Introduction

This report details the procedure and findings of a leak test conducted on an LPG supply line using the Anvi Tek gas leak safety device. The purpose of this test is to evaluate the effectiveness of the safety device in detecting and cutting off gas flow in the event of a leak.

2. Experimental Setup

The experimental apparatus consists of the following components:

- A 5 kg LPG cylinder
- LPG gas regulator
- Anvi Tek gas leak safety device
- Pressure gauge
- Control valve
- Burner

The Anvi Tek gas leak safety device was connected between the LPG cylinder and the pressure gauge. The supply line was configured with one end connected to the pressure regulator and the other split into a control valve and burner. The control valve allows for the experimental simulation of gas leaks. Figure 1 shows the layout of the test setup.

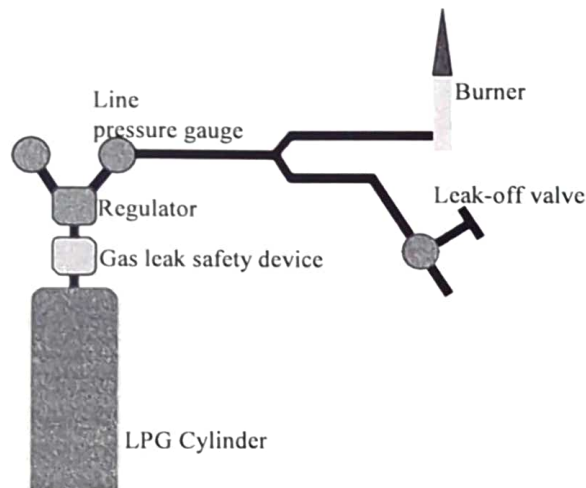


Figure 1 The layout for the Anvi Tek gas leak safety device

3. Procedure

1. **Gas Line Pressure Setting:** The gas line pressure was maintained at 50 mbar gauge pressure.

2. **Leak Simulation:** A leak was intentionally created by gradually opening the control valve connected parallel to the burner.
3. **Pressure Drop Observation:** The pressure drop on the regulator dial was monitored as the control valve was opened to simulate the leak.
4. **Leak Cut-off Mechanism:** The Anvi Tek gas leak safety device was observed for its response to the pressure drop.

4. Results

- As the control valve was gradually opened to simulate a leak, the pressure drop was noted on the gauge on the supply side of the regulator.
- No cut-off occurred until the gauge pointer reached halfway between the 50 millibar mark and the zero point.
- Once the pointer crossed this halfway mark, the safety device successfully cut off the fuel supply at the regulator side.
- The test was repeated for three trials, and the safety device consistently cut off the fuel supply under the same pressure conditions.

5. Discussion

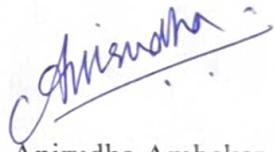
The Anvi Tek gas leak safety device effectively responded to the simulated gas leaks by cutting off the fuel supply once the pressure dropped to a critical level. However, the precise cut-off point could not be determined due to the lack of a more accurate gauge.

6. Conclusion

The Anvi Tek gas leak safety device effectively detected and responded to gas leaks in an LPG supply line. The device consistently cut off the gas flow under the same pressure conditions across multiple trials. Further testing with a more precise gauge is recommended to identify the cut-off point accurately. From Table 1, the gas flow condition and leak cut-off condition can be identified.

Table 1 LPG flow condition and leak cut-off condition

Gas supply pressure	50 mbar (gauge)
Cut-off pressure due to leak	Between 50 mbar and 0 point


 Dr. Anirudha Ambekar
 Assistant Professor,
 School of Mechanical Engineering





Fwd: Routine measurement project

1 message

R & D Office <research-office@iitgoa.ac.in>

Tue, Jul 16, 2024 at 10:07 AM

To: "Assistant Registrar (Research & Development)" <ar_research@iitgoa.ac.in>

Cc: "Dean (R&D) - IIT Goa" <dean.research@iitgoa.ac.in>

Dear Sir,

Please refer to the trail mail.

Regards,
Devendra

----- Forwarded message -----

From: **Anirudha Ambekar** <anirudha@iitgoa.ac.in>

Date: Mon, Jul 15, 2024 at 5:02 PM

Subject: Re: Routine measurement project

To: R & D Office <research-office@iitgoa.ac.in>

Hello,

Any update on this?

Regards,

Dr. Anirudha Ambekar

Assistant Professor, School of Mechanical Sciences

Indian Institute of Technology Goa

Goa College of Engineering Campus

Farmagudi, Ponda 403401, Goa

 Please consider the environment before printing this email

On Thu, Jul 11, 2024 at 12:11 PM Anirudha Ambekar <anirudha@iitgoa.ac.in> wrote:

Greetings,

A routine measurement was conducted for a Belgaum-based company called Anvi-Tek in my lab. No specialized instruments were used to make this measurement. The result of the measurement is given in the document below. The industry has requested the document to be given to them on institute letterhead with a stamp and signature. Could you help me with the first two?

Our policy mentions "standard fee estimated by the faculty" can be charged for such measurements. I am recommending INR 500 to be charged as an honorarium for the student who did the work.

Please let me know how to proceed.

Thanks.

Regards,

Dr. Anirudha Ambekar

Assistant Professor, School of Mechanical Sciences

Indian Institute of Technology Goa

Goa College of Engineering Campus

Farmagudi, Ponda 403401, Goa

 Please consider the environment before printing this email

 **Gas leak safety device report.docx.pdf**

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