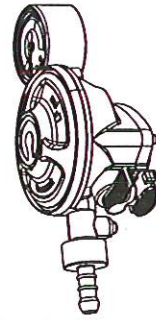
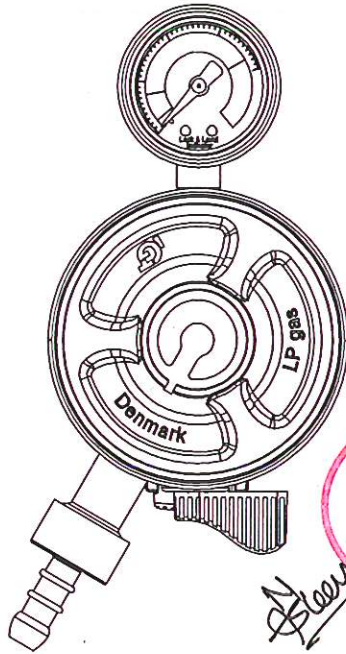
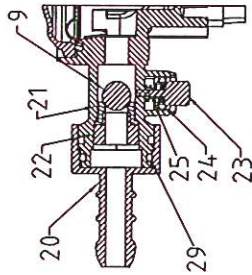
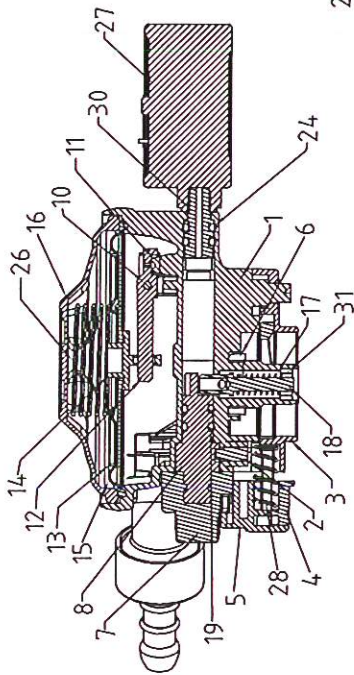




Symposium on International Automotive Technology 2017 Smart, Safe & Sustainable Mobility

| DEVELOPMENTAL TEST REPORT | | Date: 29.12.2016 |
|---|--|--|
| No. SHL/16/2016-2017/7252/3277 | | |
| 1.0 | NAME AND ADDRESS OF THE CUSTOMER | Integrated Gas Control Technologies Plot No. 84, Aleap Industrial Estate, Pragathi Nagar, Kukatpally, Hyderabad, 500 090, Telangana |
| 2.0 | CUSTOMERS LETTER REF. | Nil, Dated:- 24.10.2016 |
| 3.0 | DESCRIPTION OF TEST COMPONENT: | |
| a. | Name of The Components | 26 mm Low Pressure Gas Regulator |
| b. | Name of The Manufacturer | Integrated Gas Control Technologies Telangana |
| c. | Part No. | IGT |
| d. | Identification No. | A 126 i p-M |
| e. | Model / Type no. | LP Gas |
| f. | Assembly Drawings No. with Rev. No. | IGCT/A126/01 |
| g. | Photograph of the Component |  |
| 4.0 | TEST OBJECTIVE, REQUIREMENTS: Carry out the Pressure test and Excess flow valve test as per request given by the customer. | |
| 4.1 | Pressure Test Excess flow valve fitted in the component shall not show any leakage at 18 bar pneumatic pressure. | |
| 4.2 | Excess flow valve Check Component shall reduce / stop of gas flow, when sudden pressure of 4 bar is applied. Acceptance Criteria: - Component withstood at 18 Bar pneumatic test pressure for 1 min and After application of sudden pressure, excess flow valve operate and stop the flow the gas completely. | |
| 5.0 | TEST OBSERVATIONS: The components as mentioned in 3.0 above were subjected to pressure test and excess flow test as per the specifications given in 4.0 above. The Gas Safety Device meets the said requirements. | |
| 6.0 | Test Duration | Start Date:- 19.12.2016 End Date:-22.12.2016 |
| 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 | | CHECKED BY |
|  | |  |
| S. N. LONDHE ENGINEER | | A. D. DEKATE DEPUTY GENERAL MANAGER |
| APPROVED BY | | |
|  | | |
| U. A. KULKARNI DEPUTY DIRECTOR-SHL. | | |
| Place of Issue: PUNE | | Date of Issue: 29.12.16 |

G:\DeptData\SHL\SHL-DATA\Testreports16-17\Main OC\16-One Time Customer\ADD SNL\Developmental\4897-1617_(IM safety Product)_1.doc



INTEGRATED GAS CONTROLS TECHNOLOGIES PVT. LTD.
 Plot No. 84, Aleap Industrial Estate
 Gajularamaram, Pragathi Nagar,
 Hyderabad - 500090., Telangana

| | | | | |
|----|-------------------------|---|--------------|---------------|
| 31 | Retaining ring | 1 | Brass BS 249 | IGCT/126 A/31 |
| 30 | Connector for manometer | 1 | Brass BS 249 | IGCT/126 A/30 |
| 29 | O-ring | 1 | Rubber/NBR | IGCT/126 A/29 |
| 28 | Bottom spring | 1 | Steel/65Mn | IGCT/126 A/28 |
| 27 | Manometer | 1 | | IGCT/126 A/27 |
| 26 | Spring | 1 | Steel/65Mn | IGCT/126 A/26 |
| 25 | EFV spring | 1 | Steel/65Mn | IGCT/126 A/25 |
| 24 | O-ring | 3 | Rubber/NBR | IGCT/126 A/24 |
| 23 | EFV botton | 1 | Brass BS 249 | IGCT/126 A/23 |
| 22 | Fixture for EFV | 1 | Brass BS 249 | IGCT/126 A/22 |
| 21 | EFV seal | 1 | Rubber/NBR | IGCT/126 A/21 |
| 20 | Hose nozzle | 1 | Mazac | IGCT/126 A/20 |
| 19 | O-ring | 2 | Rubber/NBR | IGCT/126 A/19 |
| 18 | Spindle | 1 | Brass BS 249 | IGCT/126 A/18 |
| 17 | Spindle spring | 1 | Steel/65Mn | IGCT/126 A/17 |
| 16 | Cover | 1 | Aluminium | IGCT/126 A/16 |
| 15 | Diaphragm | 1 | Rubber/NBR | IGCT/126 A/15 |
| 14 | Diaphragm shaft | 1 | Mazac | IGCT/126 A/14 |
| 13 | Diaphragm disc | 1 | Steel/08F | IGCT/126 A/13 |
| 12 | Lever | 1 | Plastic/POM | IGCT/126 A/12 |
| 11 | Seal | 1 | Rubber/NBR | IGCT/126 A/11 |
| 10 | Pin | 1 | Steel/Q235 | IGCT/126 A/10 |
| 9 | Steel ball | 1 | Steel/SLS304 | IGCT/126 A/09 |
| 8 | Core | 1 | Mazac | IGCT/126 A/08 |
| 7 | Switch | 1 | Plastic/POM | IGCT/126 A/07 |
| 6 | Inlet seal | 1 | Rubber/NBR | IGCT/126 A/06 |
| 5 | Bottom for switch | 1 | Plastic/POM | IGCT/126 A/05 |
| 4 | Clip | 1 | Mazac | IGCT/126 A/04 |
| 3 | Fixity | 1 | Mazac | IGCT/126 A/03 |
| 2 | Pin | 1 | Steel/Q235 | IGCT/126 A/02 |
| 1 | Body | 1 | Mazac | IGCT/126 A/01 |

| | | | | | |
|--|---------|------------|-------------------|--|-----------|
| IGT INTEGRATED GAS CONTROLS TECHNOLOGIES PVT. LTD. | DRAWN | DATE | APPROVED | Part Name :- A126ip-M With manual EFV & Manometer | Scale :- |
| | M.Pandi | 01.08.2016 | P.Naresh Kumar | Material :- As per Table | 1 : 1 |
| 26 MM LOW PRESSURE REGULATOR | | | | MODEL : A 126ip-M | Sheet No. |
| | | | | | Rev. No. |
| | | | | | 1 |
| | | | | | 0 |

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