

# INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

[A Division of NATRiP Implementation Society (NATIS), Govt. of India]

Innovation • Service • Excellence

NON TRANSFERABLE

## TEST REPORT (Extension Report)

C T 2 L L 0 0 4 7

Date: 21.01.2016

- 1.0 NAME AND ADDRESS OF THE CUSTOMER : M/s. Polyhose India(Rubber) Pvt. Ltd.  
F37-F42 & F50-F55, SIPCOT Industrial Park,  
Irrungattukottai, Pennalur Post, Sriperumpudur  
Taluk- 602117, Tamil Nadu, India
- 2.0 CUSTOMER LETTER REF. : CCTEPOIPKNCEL42538 Dated 17-Dec-2015
- 3.0 DESCRIPTION OF COMPONENT :

1	Name of the component	CNG Low Pressure Flexible Hose
2	Name and address of the manufacturer	Same as Sr. No. 1.0
3	Dimensions of the component	ID= 7.5 mm, OD = 14.27 mm
4	Drawing No	PHIRPL/05-CNG/8-15
5	Markings	ID 5/16", MAX WP 21.5 BAR

### 4.0 TEST OBJECTIVE :

The above said customer approached ICAT for the extension of validity of the earlier test report no. CT0CF0766 dated 27.04.2010 of CNG Low Pressure Flexible Hose from standard SAE J30 R6 and AIS 028 to IS 15722:2006 with a different internal and outer diameter.

### 5.0 JUSTIFICATION FOR EXTENSION:

The parameters that are considered for extending the validity of the earlier test reports mentioned in Sr. No. 4.0 are: **Service • Excellence**

1) The Customer's declaration regarding use of same material, material source and material grade, process parameters, its controls parameters, etc. are identical for manufacturing of CNG Low Pressure Flexible Hose except for the internal and outer diameter.

2) Change in applicable reference test standards from SAE J30 R6 to IS 15722:2006 and based on identical test and acceptance criteria.

Therefore extension may be given after verification of the test reports submitted by the customer and after conducting burst test as per clause no. 5.2 of IS 15722:2006.

### 6.0 CONCLUSION:

Based on the declaration submitted by the customer and after verification of the test report No. CT0CF0766 dated 27.04.2010, CNG Low Pressure Flexible Hose specified in Sr. no. 3.0 of this test report meets the requirements of all the tests as per IS 15722:2006. Test Results for burst test attached in annexure I. Therefore the extension is granted.





\*Note: 1) This report shall be read along with Test Report No. CT0CF0766 dated 27.04.2010

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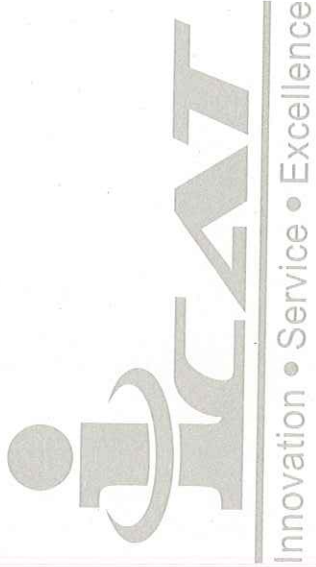
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Date: 21.01.2016

Annexure I

Sr No	Test	Test Requirements	Observations / Results
1	Burst Test [5.2 of IS 15722:2006]	Minimum burst pressure shall be 4.8 MPa (48.0 bar) for type2.	Hose withstood 89 bar <b>Satisfactory</b>



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