

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

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

NON TRANSFERABLE

TEST REPORT (Extension Report)

C T 2 B L 5008

Date: 06.09.2016

- 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. : CCTEPOIPLHCEL46001 Dated 06-Jul-2016
- 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= 4.95 mm, OD = 11.10 mm
4	Drawing No.	PHIR-001-01
5	Markings	ID 3/16", 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. CT1CK1217 dated 29.04.2015 of CNG Low Pressure Flexible Hose from standard 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:




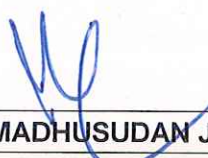

The Customer's declaration regarding use of same material, material source and material grade, process parameters, its controls parameters, etc. are identical for manufacturing of CNG Low Pressure Flexible Hose except for the internal and outer diameter.

Therefore extension may be given after verification of the test reports submitted by the customer and after conducting Hydrostatic Strength test as per clause no. 5.1 of IS 15722:2006.

6.0 CONCLUSION:

Based on the declaration submitted by the customer and after verification of the test report No. CT1CK1217 dated 29.04.2015; 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. CT1CK1217 dated 29.04.2015

Prepared By	Checked By		Approved By	
				
UDIT KAUL Asst. Manager	MADHUSUDAN JOSHI Asst. General Manager		PAMELA TIKKU Sr. General Manager	

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Drawing
(46001)

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The appropriate local court at Gurgaon shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.

Prepared By		Checked By	Page 2 of 3 + Drawing (46001)
			
UDIT KAUL Asst. Manager		MADHUSUDAN JOSHI Asst. General Manager	


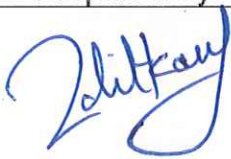

C T 2 B L 5008

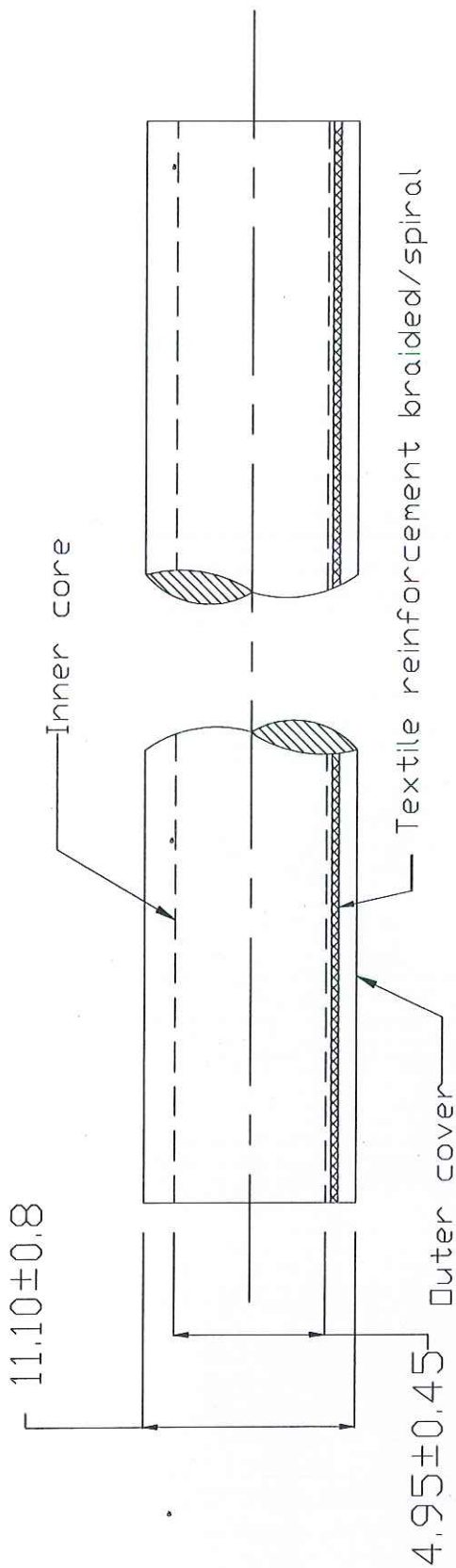
Date: 06.09.2016

Annexure I

Sr No	Test	Test Requirements	Observations / Results
1	Hydrostatic Strength Test [5.1 of IS 15722:2006]	Hose shall withstand 4 times the working pressure for 3 minutes without rupture.	Hose withstood 86 bar Satisfactory



Prepared By		Checked By	Page 3 of 3 + Drawing (46001)
			
UDIT KAUL Asst. Manager		MADHUSUDAN JOSHI Asst. General Manager	



SPECIFICATION FOR HOSE :

1. HOSE CONSTRUCTION :

- (I) REF : As per IS15722 TYPE2
- (II) INNER CORE : Fuel resistant synthetic rubber
- (III) REINFORCEMENT : Textile reinforcement braided/spiral
- (IV) OUTER COVER : Black colour

2. TEMPERATURE RANGE : -40° C to +100° C

3. MIN BURST PRESSURE : 48 BAR.

4. LAY LINE : POLYHOSE ID 3/16" MAX WP 21.5 BAR CNG HOSE AS PER IS15722 TYPE 2



Polyhose™ POLYHOSE INDIA(RUBBER) PVT. LTD.
CHENNAI-600 010, INDIA.

TITLE : CNG HOSE ID 3/16 " as per IS15722

DRAWING FOR MANUFACTURING		SCALE	NTS	DATE	THIS DRAWING AND DESIGN IS THE PROPERTY OF POLYHOSE INDIA PVT. LTD. AND MUST NOT BE REPRODUCED OR COPIED WITHOUT THEIR PERMISSION IN WRITING.	
ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE	APPROVED	DRAWN	CHKD	DATE		
FOR DIAMETER 3/16"						