



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000347351

Issued to :

AAIRA INDIA LLP
L29-L34, FIRST FLOOR, BLOCK-L
CONNAUGHT PLACE
NEW DELHI
NEW DELHI-110001

J.O.No. 410-141-3321
Reg.No. 1366183
Date 20-08-2017
GC-01 (REV-04)
Your Ref.No. -

Kind Attn : MRS. SHWETA JAIN

Sample Particulars:

One sample described as EPDM Rubber Gasket of Size ¾", was received.

" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party".

TEST RESULTS

(As per IS: 5382-1985)

<u>S.No.</u>	<u>Tests</u>	<u>Results Obtained</u>
1	Hardness in IRHD	78
2.	Tensile Strength, MPa (before ageing)	11.5
3.	Elongation, %	236
4.	Water absorption, %	0.2
5.	Water Immersion change in (volume, % (for 7 days at 70°C)	0.1
6.	Cold Resistance, increase in Hardness (after 7 days at - 10°C)	(+) 2

Note:- Conformity of test results could not be given because the type of gasket was not declared by sponsor.

AUTHORISED SIGNATORY



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO.: C1/0000095168



Issued To:

Client Code : A1197
AAIRA INDIA LLP
L29-L34, FIRST FLOOR,BLOCK-L,
CONNAUGHT PLACE
NEW DELHI
NEW DELHI-110001
Kind Attn: SHWETA JAIN

Date 19/08/2017

Job No. 1708-1-171-1507

Booking No. RG1718/1/4691

Booking Date 14/08/2017

Customer Ref No. -

Customer Ref Date 14/08/2017

Sample Description :

ONE SAMPLE DESCRIBED AS STAINLESS STEEL PIPE GRADE: 316L DECLARED AS BEING USED FOR HOUSEHOLD PLUMBING WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.
The sample particulars provided in the Test Certificate are based on sample provided by the Party.

TEST RESULTS

S.No.	Test Parameters	Observation	Requirement	Conformity	Protocol Adopted
			Grade SS-316L		
A.	Chemical Analysis (% By Mass) ASTM A-240				
1.	Carbon	0.03	0.03 Max.	Yes	IS: 228 Pt-1-1987 RA2012
2.	Manganese	1.3	2.00 Max.	Yes	ASTM E 350-2012
3.	Sulphur	0.012	0.030 Max.	Yes	IS: 228 Pt-9-1989 RA2014
4.	Phosphorus	0.039	0.045 Max.	Yes	IS: 228 Pt-3-1987 RA2012
5.	Silicon	0.29	0.75 Max.	Yes	IS: 228 Pt-8-1989 RA2014
6.	Nickel	10.1	10.0 - 14.0	Yes	IS: 228 Pt-5-1987 RA2014
7.	Chromium	16.4	16.0 - 18.0	Yes	IS: 228 Pt-6-1987 RA2014
8.	Molybdenum	2.1	2.0 - 3.0	Yes	ASTM E 350-2012

D.O.R.: 16/08/2017

D.O.C.: 19/08/2017

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AUTHORISED SIGNATORY
EMPLOYEE CODE : 15065

GC-01(Rev-05)

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SR1-C1 (Rev. 02)

See overleaf for terms & conditions



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TEST CERTIFICATE

NO. : C1/0000101821

Issued To:

Client Code : A1197
AAIRA INDIA LLP
L29-L34, FIRST FLOOR, BLOCK-L,
CONNAUGHT PLACE
NEW DELHI
DELHI-110001
Kind Attn: SHWETA JAIN

Date 16/10/2017**Job No.** 1710-1-171-592**Booking No.** RG1718/1/6528**Booking Date** 06/10/2017**Customer Ref No.** -**Customer Ref Date** 06/10/2017**Sample Description :**

ONE SAMPLE OF STAINLESS STEEL PIPE WITH FITTING WAS RECEIVED.
The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.
The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

S.No. Tests

A. Hydraulic Pressure Test
(At 40 kg/cm²)


Observation

Satisfactory
(No leakage observed)

Equipment Used

Pressure Machine

DOR: 06/10/2017
DOC: 16/10/2017


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EMPLOYEE CODE : 15065