



## TEST REPORT

|                                  |   |                            |              |
|----------------------------------|---|----------------------------|--------------|
| ULR NO: TC1099924000000346F      |   | REPORT NO :AAL202405130002 |              |
| NAME AND ADDRESS OF THE CUSTOMER | : EVERSEAL PIPES & FITTINGS<br>Plot No. 1, Kh No. 37/7, Laxmi Park, Ranhola,<br>New Delhi- 110041 | SAMPLE RECEIPT DATE        | : 13/05/2024 |
|                                  |   | ANALYSIS STARTING DATE     | : 14/05/2024 |
|                                  |   | ANALYSIS COMPLETION DATE   | : 24/05/2024 |
| SAMPLE REF.NO./ DATE             | : Nil, Dt.- 20/05/2024  | REPORT ISSUE DATE          | : 24/05/2024 |
| SAMPLE DETAIL                    | : AISI 316 Pipe   |                            |              |

| S. No | Test Parameters       | Test Method            | Requirements as per IS 17875:2022 (Grade 316) | Results |
|-------|-----------------------|------------------------|---|---------|
| (A)   | Chemical Properties   |                        |   |         |
| 1.    | Carbon, % by mass     | IS 228 : Part 1 : 1987 | 0.040-0.10                                    | 0.061   |
| 2.    | Manganese, % by mass  | IS 228 : Part 2 : 1989 | 2.00 Max.                                     | 1.32    |
| 3.    | Sulphur, % by mass    | IS 228 : Part 9 : 1989 | 0.03 Max.                                     | 0.024   |
| 4.    | Phosphorus, % by mass | IS 228 : Part 3 : 1987 | 0.045 Max.                                    | 0.030   |
| 5.    | Silicon, % by mass    | IS 228 : Part 8 : 1989 | 0.75 Max.                                     | 0.32    |
| 6.    | Nickel, % by mass     | IS 228 : Part 5 : 1987 | 10.0 - 14.0                                   | 10.36   |
| 7.    | Chromium, % by mass   | IS 228 : Part 6 : 1987 | 16.0 - 18.0                                   | 16.57   |
| 8.    | Molybdenum, % by mass | IS 228 : Part 7 : 1987 | 2.00 - 3.00                                   | 2.35    |

|                |  |
|----------------|--|
| Note:          | Furnished by the customers.  |
| Decision Rule: | The decision rule as per AAL/WI/GEN/012 is applied wherever statement of conformity to a specification or standard provided in test report without considering the measurement of uncertainty. |
| Remark:        | The above test parameter conforms to the requirements as per IS 17875:2022 (Grade 316)   |

*P.K. Sharma*  
Puran Kumar Sharma  
Analyst.

\*\*\*End of Report\*\*\*

*P.K. Sharma*  
Puran Kumar Sharma  
Technical Manager

ANALYSIS BY

AUTHORIZED SIGNATORY

### Terms & Conditions :

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- (2) Total liability of our Lab is limited to the invoiced amount.
- (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
- (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing
- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.



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| SAMPLE REF.NO./ DATE             | : Nil, Dt.- 20/05/2024  | REPORT ISSUE DATE        | : 24/05/2024 |
| SAMPLE DETAIL                    | : AISI 316 Pipe   |                          |              |

| S. No | Test Parameters       | Test Method       | Requirements as per IS 17875:2022 (Grade 316) | Results |
|-------|-----------------------|-------------------|---|---------|
| (B)   | Physical Properties   |                   |   |         |
| 1.    | Tensile Strength, MPa | IS 1608(P-1):2022 | 515 Min.                                      | 719.35  |
| 2.    | Yield Stress, MPa     | IS 1608(P-1):2022 | 205 Min.                                      | 591.80  |
| 3.    | Elongation, %         | IS 1786:2008      | 35 Min.                                       | 39.04   |

|                |  |
|----------------|--|
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| Remark:        | The above test parameter conforms to the requirements as per IS 17875:2022 (Grade 316).  |

\*\*\*End of Report\*\*\*

*Rajiv*  
Rajiv Kumar Thakur  
Analyst

ANALYSIS BY

*P. Sharma*  
Puran Kumar Sharma  
Technical Manager



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