



Certificate of Analysis

Issue date: SEP-19-2023

Ship From:
Alliance Tubular Holdings LLC
305 Cannelton Road
Darlington, PA 16115 USA

Ship to	Customer PO#	PTC Order#	Customer Part#	PTCA Item#
	351944-00-2	86211- 4		10053848
Bill To	Ship Date	Delivery#	Delivery Weight	Master BOL/ Trip#
	Sep 20, 2023	178517	44,483 LBS	87874
Size: 01.3150 OD (33.40) X 0.1790 WALL (4.55) Inches(MM)		Grade: A106BC	Heat Treat: NORM	Country Of Mfg: U.S.A.
Method of Manufacturing: NN-HSR			Finish: SC	
Spec: ASTM A106 Grade C REV 2019 NORM SML A106BC-100				

Heat Number	Lot#	Melt Location	Yield Str (N/mm2)	Tensile Str (N/mm2)	% Elong. In 2"	Hardness	Lot Lgth (Ft)	Master Lot#
730039	DPI108220 (Mfg: 09/13/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	53300 PSI (368)	76300 PSI (526)	39.9 %	78.9 HRB	20.00	DLOT102664
730041	DPI108433 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	50900 PSI (351)	74400 PSI (513)	40.6 %	76.1 HRB	20.00	DLOT102675
730041	DPI108436 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	50900 PSI (351)	74400 PSI (513)	40.6 %	76.1 HRB	20.00	DLOT102675
730041	DPI108437 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	50900 PSI (351)	74400 PSI (513)	40.6 %	76.1 HRB	20.00	DLOT102675
730042	DPI108427 (Mfg: 09/17/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	54600 PSI (376)	78300 PSI (540)	42.5 %	79.8 HRB	20.00	DLOT102673
730042	DPI108428 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	54600 PSI (376)	78300 PSI (540)	42.5 %	79.8 HRB	20.00	DLOT102673
730042	DPI108429 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	54600 PSI (376)	78300 PSI (540)	42.5 %	79.8 HRB	20.00	DLOT102673
730042	DPI108430 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	54600 PSI (376)	78300 PSI (540)	42.5 %	79.8 HRB	20.00	DLOT102673
730042	DPI108431 (Mfg: 09/18/23)	Tenaris Global Services Corp Country Of Melt-(MEXICO)	52300 PSI (361)	77200 PSI (532)	41.1 %	78.1 HRB	20.00	DLOT102674
730042	DPI108432	Tenaris Global Services	52300 PSI	77200 PSI	41.1 %	78.1 HRB	20.00	DLOT102674

We certify that the above chemical analysis and/or tests shown in this report are correct as contained in the records of this company.

"The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes, including federal law, Title 18, Chapter 47."

-Quality Manager)

Steel tube and bar products supplied from any PTC Alliance Corp. or Enduro Industries LLC location:

do not contain mercury nor come into contact with mercury or its compounds; comply with the EU's RoHS3 regulation; are considered "articles" under EU REACH regulation and are not subject to registration and reporting; do not contain any substances on the REACH SVHC list.



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	(Mfg: 09/18/23)	Corp Country Of Melt- (MEXICO)	(361)	(532)				
730043	DPI108284 (Mfg: 09/15/23)	Tenaris Global Services Corp Country Of Melt- (MEXICO)	55400 PSI (382)	77300 PSI (533)	42 %	76.5 HRB	20.00	DLOT102672
730043	DPI108309 (Mfg: 09/16/23)	Tenaris Global Services Corp Country Of Melt- (MEXICO)	55400 PSI (382)	77300 PSI (533)	42 %	76.5 HRB	20.00	DLOT102672

Certification done in compliance with EN 10204:2004 Type 3.1

NDT Passed :

Other Tests Passed: 90 DEG BEND PER ASME B 36.10M (CURRENT REV), HYDRO TEST PER ASTM A106 (CURRENT REV) AT 2500 PSI FOR 5 SECONDS

Heat#	Type	C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	V	Ti	Nb	B	Sn	N	Ca
730039	LADLE	0.17	1.02	0.012	0.004	0.20	0.030	0.17	0.15	0.11	0.05	0.003	0.002	0.001	0.0002	0.01	0.008	0.000
730041	LADLE	0.17	1.03	0.012	0.002	0.21	0.031	0.17	0.13	0.11	0.05	0.004	0.002	0.001	0.0003	0.01	0.008	0.000
730042	LADLE	0.17	1.02	0.013	0.002	0.20	0.026	0.20	0.14	0.10	0.05	0.004	0.002	0.001	0.0002	0.01	0.009	0.000
730043	LADLE	0.16	1.03	0.012	0.004	0.21	0.028	0.17	0.16	0.13	0.05	0.004	0.002	0.001	0.0003	0.01	0.008	0.000

Notes: This material conforms to:, ASTM A106/A106M - 19a / ASME SA 106-15, Grade B & C, SMLS, ASTM SA53/SA53M - 18 / ASME SA53 - 15 Grade B, SMLS, ANSI B36.10, DIN EN 10204: 2005 - 3.1, ISO 15156-2, NACE MR0103 - 2015, NACE MR0175 - 2015, Test Sample Size: Full pipe section pulled longitudinally, Yield point method: 0.2% offset, Gage length is 2", Country of Manufacture: USA, No weld repairs made on any material, Plain ends SQ cut - deburred or beveled

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-Quality Manager)

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