



SURYA GLOBAL STEEL TUBES LIMITED

(A SUBSIDIARY OF SURYA ROSHNI LIMITED)
SURVEY NO. 188, VILL.: BHUVAD, ANJAR MUNDRA HIGHWAY,
TAL.: ANJAR, KUTCH, GUJARAT (INDIA) - 370130

MILL / MATERIAL / MANUFACTURER'S TEST CERTIFICATE



F: SGSTL/ERW/QA/007/00

MTC No. : SGSTL/QA/EN/2017/0473 Date: 20-07-2017

W.O. No. : 2017/E/169

P.I. No. : SGSTL/BHJ/EXP/PI-181

Applicant : TRD TECHRESSOURCE DEUTSCHLAND GMBH

Invoice No. : SGL/BHJ/EXP/408 DTD. 20-07-2017

BREDENSTR. 11

Consignment No. : LOT 2 : APPENDIX 57 (17117166)

28195 BREMEN

LC No. : BBTIA400323912 DATED 20-07-2017

GERMANY

OF COMMERZBANK AG, BREMEN

We certify that the material ERW Galvanized Steel Pipes have been manufactured according to EN 10255 : 2004 + A1 : 2007 Grade S195T. The length of each pipe is 6.00 to 6.05 mtrs. All Mechanical & Chemical properties confirms to EN 10255 : 2004 +A1 : 2007 and Galvanizing EN 10240 A.1.

TEST RESULTS

Size (NPS)	Thick (mm)/ Class	Cate- gory	Heat No.	Chemical Composition				Mechanical Properties			Zinc Coating (micron)	Quantity (Pcs.)	Total No. of Bundle of Each Size	Pieces per Bundle of Each Size	Quantity (Mtrs.)	Net Weight (Kgs.)
				C %	Mn %	S %	P %	Y.S. (MPa)	T.S. (MPa)	Elong. %						
Specified Requirements (Max.)				0.20	1.40	0.030	0.035	195 (min)	320 to 520	20 (min)	55 (min)					
3/4"	2.60	GIPE	17202230	0.053	0.567	0.003	0.007	278.36	386.21	29.67	74	2704	22	127	16764.00	24706.00
1 1/4"	3.20	GIPE	17402119	0.050	0.485	0.006	0.007	272.45	378.69	30.69	70	2623	43	61	15738.00	46096.00
1 1/2"	3.20	GIPE	17402130	0.056	0.453	0.009	0.011	276.93	380.42	31.23	71	2697	47	61	17202.00	57657.00

It is further certified that the above mentioned pipes confirm to the dimensional and weight tolerance of the specification. The pipes have been found confirming to the Bend Test, Flattening Test, Zinc Coating Test and Uniformity Test (wherever Applicable). All pipes were hydrostatically tested at a pressure of 50 Bar. Free Bore Test for sizes upto 1" have been carried out and found OK.

- Note : 1) Material Certificate is according to EN 10204 / 3.1 format.
2) CE Marking approved by DNV.
3) Each bundle has been affixed with a tag as given below :-

CE	
SURYA GLOBAL STEEL TUBES LIMITED	
Survey No. 188, Vill.: Bhuvad, Anjar Mundra Highway, Tal.: Anjar, Gujarat (India) Pin - 370130	
17 SGSTL/DOP/2017/064	
Certificate No. : 10139-2017-CE-IND Rev. 0	
EN 10255:2004 + A1:2007	
26.9 X 2.60mm, 42.4 X 3.20mm & 48.3 X 3.20mm Non-Alloy steel tubes suitable for welding and threading	
Intended uses : Distribution of aqueous liquids, gas and fuel	
Reaction to fire :	Euroclass A 1
Minimum specified yield strength :	195 MPa
Durability :	Coated (GI)
Dimensions :	Pass
Leak Tightness :	Pass



Head (QA/QC)
Surya Global Steel Tubes Limited

**SURYA GLOBAL STEEL TUBES LIMITED****(A GROUP COMPANY OF SURYA ROSHNI LIMITED)**REGD. OFFICE : 302, IIIrd FLOOR, PADMA TOWER-1, RAJENDRA PLACE,
NEW DELHI - 110008 (INDIA) TEL. : 011-25810093 FAX : 91-11-25769500,
Email : suryaglobalpipes@gmail.com**DECLARATION OF PERFORMANCE****LEISTUNGSERKLÄRUNG****No: SGSTL/DOP/2017/064****Nr.: SGSTL/DOP/2017/064**

1)	Unique identification code of the product type Eindeutiger Identifizierungscode des Produkttyps	Non-Alloy steel tubes suitable for welding and threading Size: Nicht legierte Stahlrohre, geeignet für Schweißen und Gewindeschneiden Größe: 20mm, 32mm & 40mm Medium Series Grade S195T, Steel No 1.0026 20mm, 32mm & 40mm Medium -Reihe, Sorte S195T, Stahl-Nr. 1.0026
2)	Type, batch or serial number or any other element allowing identification of the construction product Typ, Batch- oder Seriennummer oder ein anderes Element, das die Identifizierung des Konstruktionsprodukts gestattet	In accordance to the certificate that is supplied with the appropriate material Gemäß dem Zertifikat, das mit dem geeigneten Material geliefert wurde (MTC No.: SGSTL/QA/EN/2017/0473 DTD. 20-07-2017)
3)	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the Manufacturer Die beabsichtigte Verwendung oder die Verwendung des Konstruktionsprodukts, gemäß der anwendbaren harmonisierten technischen Spezifikation, wie durch den Hersteller vorgesehen	Distribution of aqueous liquids, gas and fuel
4)	Name, registered trade name or registered trade mark and contact address of the Manufacturer Der Name, der eingetragene Markenname oder die Marke und die Kontaktadresse des Herstellers	Surya Global Steel Tubes Limited, Survey No. 188/1, Anjar Mundra Highway, Vill: Bhuvad, Tal: Anjar Distt. Kutch - 370130, Gujarat, India
5)	System or systems of assessment and verification of constancy of performance of the construction product Das System oder die Systembeurteilung und Verifizierung der Leistungsbeständigkeit des Konstruktionsprodukts	System 3 System 3
6)	Harmonized Standard Harmonisierter Standard	EN 10255:2004+A1:2007
7)	Initial type testing (Report Nos.) Ersttypprüfung (Bericht-Nummern)	H-23959, H-23961, H-23966, H-23968 & H-23971 DTD. 18-12-2010
8)	Name & Address of Notified Test Laboratory Name und Adresse des notifizierten Prüflabors	TCR Advanced Engineering P. Ltd., 36/2/9 First Floor, Abhishek Complex, GIDC Estate, Makarpura, Vadodara-390010, Gujarat, India
9)	Declared Performance Erklärte Leistung	



Essential characteristics Wesentliche Eigenschaften		Performance Leistung	Harmonised Technical Specification Harmonisierte technische Spezifikation
Reaction to fire Brandverhalten		Euroclass A1	EN 10255:2004+A1:2007
Yield Strength Streckgrenze		195 MPa min	
Dimensional tolerances Maßtoleranzen		EN 10255:2004+A1:2007	
Durability Haltbarkeit		Coated (GI) with 55µm min	
Leak tightness Leckdichte		50 bar min for at least 5 second	
Dangerous substances Gefährliche Substanzen		NPD	
10)	The performance of the product identified in points 1 & 2 is in conformity with declared performance in point 9 Die Leistung des in den Punkten 1 und 2 bezeichneten Produkts ist konform mit der erklärten Leistung in Punkt 9		

LC.NO BBTIA400323912 DATED 20-07-2017 OF COMMERZBANK AG, BREMEN

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Diese Leistungserklärung wird unter der alleinigen Verantwortung des in Punkt 4 bezeichneten Herstellers ausgegeben.

Signed for and on behalf of the manufacturer by:

Unterschrieben für und im Namen des Herstellers durch:

(20.07.2017)


The manager of the Company
Der Manager der Firma
AMARESH CHAUDHARY



SURYA GLOBAL STEEL TUBES LIMITED
(A SUBSIDIARY OF SURYA ROSHNI LIMITED)

SURVEY NO. 188, VILL.: BHUVAD, ANJAR MUNDRA HIGHWAY,
TAL.: ANJAR, KUTCH, GUJARAT (INDIA) - 370130

MILL / MATERIAL / MANUFACTURER'S TEST CERTIFICATE



F: SGGTL/ERW/QA/007/00

MTC No.: SGGTL/QA/EN/2017/0473-A Date: 20-07-2017

Applicant : TRD TECHRESSOURCE DEUTSCHLAND GMBH
BREDENSTR. 11
28195 BREMEN
GERMANY

W.O. No.: 2017/E/169
P.I. NO.: SGGTL/BHJ/EXP/PI-181
Invoice No.: SGL/BHJ/EXP/408 DTD. 20-07-2017
Consignment No.: LOT 2: APPENDIX 57 (17117166)
LC No.: BBTIA400323912 DATED 20-07-2017
OF COMMERZBANK AG, BREMEN

We certify that the material ERW Galvanized Steel Pipes have been manufactured according to EN 10255 : 2004 + A1 : 2007 Grade S195T. The length of each pipe is 6.00 to 6.05 mtrs. All Mechanical & Chemical properties confirms to EN 10255 : 2004 +A1 : 2007 and galvanizing EN 10240 A.1. Moreover, The pipes are also meeting the requirements of EN 10219: 2006 Grade S235JRH.

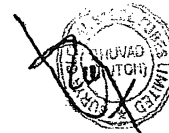
TEST RESULTS

Size OD (mm)	Thick (mm)/ Class	Cate- gory	Heat No.	Chemical Composition						Mechanical Properties			Zinc Coating (micron)	Quantity (Pcs.)	Total No. of Bundle of Each Size	Pieces per Bundle of Each Size	Quantity (Mtrs.)	Net Weight (Kgs.)
				C %	Mn %	S %	P %	N %	CEV %	Y.S. (MPa)	T.S. (MPa)	Elong. %						
Specified Requirements (Max.)				0.17	1.40	0.030	0.035	0.009	0.35	235 (min)	360 to 510	24 (min)	55 (min)					
26.9	2.60	GIPE	17202230	0.053	0.567	0.003	0.007	0.001	0.148	278.36	386.21	29.67	74	2794	22	127	16764.00	24706.00
42.4	3.20	GIPE	17402119	0.050	0.485	0.006	0.007	0.002	0.131	272.45	378.09	30.89	70	2623	43	61	15738.00	46096.00
48.3	3.20	GIPE	17402130	0.056	0.453	0.009	0.011	0.002	0.132	276.93	380.42	31.23	71	2867	47	61	17202.00	57857.00

It is further certified that the above mentioned pipes confirm to the dimensional and weight tolerance of the specification. The pipes have been found confirming to the Bend Test, Flattening Test, Zinc Coating Test and Uniformity Test (wherever Applicable). All pipes were hydrostatically tested at a pressure of 50 Bar. Free Bore Test for sizes upto 1" have been carried out and found OK.

- Note : 1) Material Certificate is according to EN 10204 / 3.1 format.
2) CE Marking approved by DNV.
3) Each bundle has been affixed with a tag as given below :-

CE	
SURYA GLOBAL STEEL TUBES LIMITED Survey No. 188, Vill. Bhuvad, Anjar Mundra Highway, Tal.: Anjar, Gujarat (India) Pin - 370130	
17 SGGTL/QA/2017/004	
Certificate No.: 10130-2017-CE-IND Rev. 0	
EN 10255:2004 + A1:2007	
26.9 X 2.60mm, 42.4 X 3.20mm & 48.3 X 3.20mm Non-Alloy steel tubes suitable for welding and threading	
Intended uses : Distribution of aqueous liquids, gas and fuel	
Reaction to fire :	Euroclass A 1
Minimum specified yield strength :	195 MPa
Durability :	Coated (GI)
Dimensions :	Pass
Leak Tightness :	Pass



Head (QA/QC)
Surya Global Steel Tubes Limited

**SURYA GLOBAL STEEL TUBES LIMITED**

(A GROUP COMPANY OF SURYA ROSHNI LIMITED)

REGD. OFFICE : 302, IIIrd FLOOR, PADMA TOWER, RAJENDRA PLACE,

NEW DELHI - 110008 (INDIA) TEL. : 011-25810093 FAX : 01-11-25789560,

Email : suryaglobalpipes@gmail.com**DECLARATION OF PERFORMANCE****No: SGSTL/DOP/2017/064**

1)	Unique identification code of the product type	Cold formed welded structural Circular hollow sections of non-alloy steels - Size: 26.9 X 2.60mm, 42.4 X 3.20mm & 48.3 X 3.20mm Grade S235 JRH, Steel No. 1.0039
2)	Type, batch or serial number or any other element allowing identification of the construction product	In accordance with the certificate that is supplied with the appropriate material (MTC No.: SGSTL/QA/EN/2017/0473-A DTD: 20-07-2017)
3)	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the Manufacturer	To be used in metal structures or in composite metal and concrete structures
4)	Name, registered trade name or registered trade mark and contact address of the Manufacturer	Surya Global Steel Tubes Limited, Survey No. 199/1, Anjar Mundra Highway, Vill: Bhuvad, Tal: Anjar Distt. Kutch - 370130, Gujarat, India
5)	System or systems of assessment and verification of constancy of performance of the construction product	System 2+
6)	Harmonized Standard	EN 10219-1&2:2006

"DET NORSKE VERITAS, SWEDEN, No Bo - 1162", performed the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control

"1162-CPR-0513 Rev. 1.0" valid up to 31-03-2020

7)	Declared Performance	
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Essential Characteristics	Performance	Harmonised Technical Specification														
Tolerance s on dimensions and shape	EN 10219-2 Correspond	EN 10219-1&2:2006														
Elongation %	24 min															
Tensile Strength, MPa	360-510															
Yield Strength, MPa	235 min															
Weldability	Chemical Composition Cast analysis of product (% by mass) Max															
	<table><tr><td>C</td><td>Si</td><td>Mn</td><td>P</td><td>S</td><td>N</td><td>CEV</td></tr><tr><td>0.17</td><td>--</td><td>1.40</td><td>0.040</td><td>0.040</td><td>0.009</td><td>0.35</td></tr></table>		C	Si	Mn	P	S	N	CEV	0.17	--	1.40	0.040	0.040	0.009	0.35
	C		Si	Mn	P	S	N	CEV								
0.17	--	1.40	0.040	0.040	0.009	0.35										
Impact Strength, J	NPD															
8)	The performance of the product identified in points 1 & 2 is in conformity with declared performance in point 7															

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

LC NO. : BBTIA400323912 DATED 20-07-2017 OF COMMERZBANK AG, BREMEN

Signed for and on behalf of the manufacturer by:
(20.07.2017)

The manager of the company
ANARESH CHAUDHARY