

**NOKSEL****MILL TEST CERTIFICATE**

Date : 14.05.2011

ÇELİK BORU SANAYİ A.Ş.

EN 10204 3.1

No : E 11 - 4220

HENDEK

Customer : THYSSENKRUPP FERROGLOBUS ZRT.

Size : Ø 48,3 x 3,20 mm

Order No : ST 3404B / FG-35400048866

Pieces : 488 pcs.



Description of Goods or Services :

Total Length : 2.928 m

0108
TA 295 94 90

Longitudinally welded water and gas pipes according to EN 10255 in grade S195 or equivalent suitable for galvanizing

LEAK TEST**VISUAL AND DIMENSIONAL INSPECTION**

50 Bar / OK

% 100 satisfactory

HEAT NO	TENSILE TESTING			CHEMICAL COMPOSITION (%)				
	Rt (N/mm ²)	Rm (N/mm ²)	A (%)	C	P	S	Mn	Si
12541	255	419	28,00	0,080	0,011	0,017	0,389	0,021
101891	264	423	34,00	0,078	0,010	0,018	0,378	0,014
521038	262	415	32,00	0,083	0,017	0,019	0,388	0,024
821056	258	425	29,00	0,079	0,010	0,022	0,382	0,021
Standard	Min.	195	350	20,00	-	-	-	-
	Max.	-	520	-	0,200	0,036	0,030	1,400

The material has been manufactured, sampled, tested and inspected in accordance with EN 10255 standard and has been found to meet the requirements.

ORIGINAL

15.05.2011
Barınak Mühürü
Sıra: 674
THYSSENKRUPP FERROGLOBUS ZRT.

NOKSEL

Steel Pipe Inc. Co.

İzgur YAVAS

Quality Chief Engineer

5.03-F 04