

MATERIAL CERTIFICATION

3.1 CERTIFICATE acc. EN 10204

SCHOELLER-BLECKMANN MIDDLE EAST

Roundabout 10, Road 1030

P.O.Box No. 61327

UAE Jebel Ali Free Zone, DUBAI



SCHOELLER BLECKMANN

OILFIELD TECHNOLOGY GMBH

HAUPTSTRASSE 2

A-2630 TERNITZ / AUSTRIA

SBOT PO No: 245723 / 10

SBM/5765/24

SB – COLLAR No.: C6302

SERIAL No.:

Material: P 550

PART: 7 1/4" x SOLID x 31'

DWG No.: --

MATERIAL SPECIFICATION:

IN ACC. WITH DATASHEET P 550, Rev. 9

CHEMICAL ANALYSIS:

Heat No.:	C	SI	MN	P	S	CR	MO	NI	N	Cu	Al
Spec. Val.:	max. 0.06		20.5 - 21.6			18.3 - 20.0	min. 0.50	min. 1.40	min. 0.60		
DC2270	0,039	0,18	21,27	0,02	0,0006	18,51	0,54	2,01	0,64	0,13	0,005

MECHANICAL PROPERTIES:

OD up to 9 1/4"

	Specified Values	Actual Values (1)
TENSILE STRENGTH	min. 150 KSI	165,3 KSI
YIELD STRENGTH	min. 140 KSI	158,1 KSI
ELONGATION	min. 20 %	28 %
REDUCTION IN AREA	min. 50 %	72 %
IMPACT STRENGTH (Charpy V)	min. 60 ft.lb	139 ft.lb
HARDNESS BRINELL	335-450 BHN	366 , 364 BHN
FATIGUE STRENGTH (100000 cycl.)	min.±80 KSI	226875 ,239369

Specimen are taken in longitudinal direction at 1" below surface at RT.

GRAIN SIZE	4 - 6	ASTM
MAGNETIC PERMEABILITY	1,001	max.
CORROSION TEST		
ASTM A262, PRACT A	Step	
ASTM A262, PRACT E	pass	
RESIDUAL MAGNETISM	enclosed	
ULTRASONIC TEST	enclosed	
DIMENSIONAL TEST	in acc. with order	

SURFACE TREATMENTS:

OUTSIDE: --

INSIDE: --

MARKING:

SBO C6302 7 1/4" NMDC API 7-1

MADE IN AUSTRIA

UT

ULTRASONIC TESTREPORT ULTRASCHALL PRÜFBERICHT



SCHOELLER BLECKMANN
OILFIELD TECHNOLOGY GMBH
HAUPTSTRASSE 2
A-2630 TERNITZ / AUSTRIA

Test object Prüfobjekt	NMDC	Bar-No. Stangen-Nr.	C6302
Material Werkstoff	P550	Dimension Abmessung	OD = 187 mm L = 9597 mm
Specification Prüfvorschrift	ASTM E114 ASTM A745	NDE - procedure ZFP - Vorschrift	AV062 Rev. 4
Inspection area Prüfbereich	full length	Insp. coverage Prüfumfang	straight- and angle- beam examination
Surface condition Oberflächenzustand	machined		
Equipment No Prüfgerät-Nr	Krautkrämer USIP40, MM-No. 3481	Probes Prüfköpfe	MWB-45-2;SEB 2-0°
Calibration piece Justierkörper	test object		NB5
Adjustment Justierung	BE 80% of FS		
Couplant Kopplungsmittel	Oil-Emulsion	Signal/noise distance S/N Abstand	> 6 dB
Referencereflector Referenzreflektor	BW test object		
Test result Prüfergebnis	within specification entspricht der Vorschrift		
Operator / Level Prüfer / Stufe	J.POLLERES / II	Supervisor / Level Prüfer / Stufe	J.POLLERES / II
Date Datum	2024-03-27	Date Datum	2024-03-27

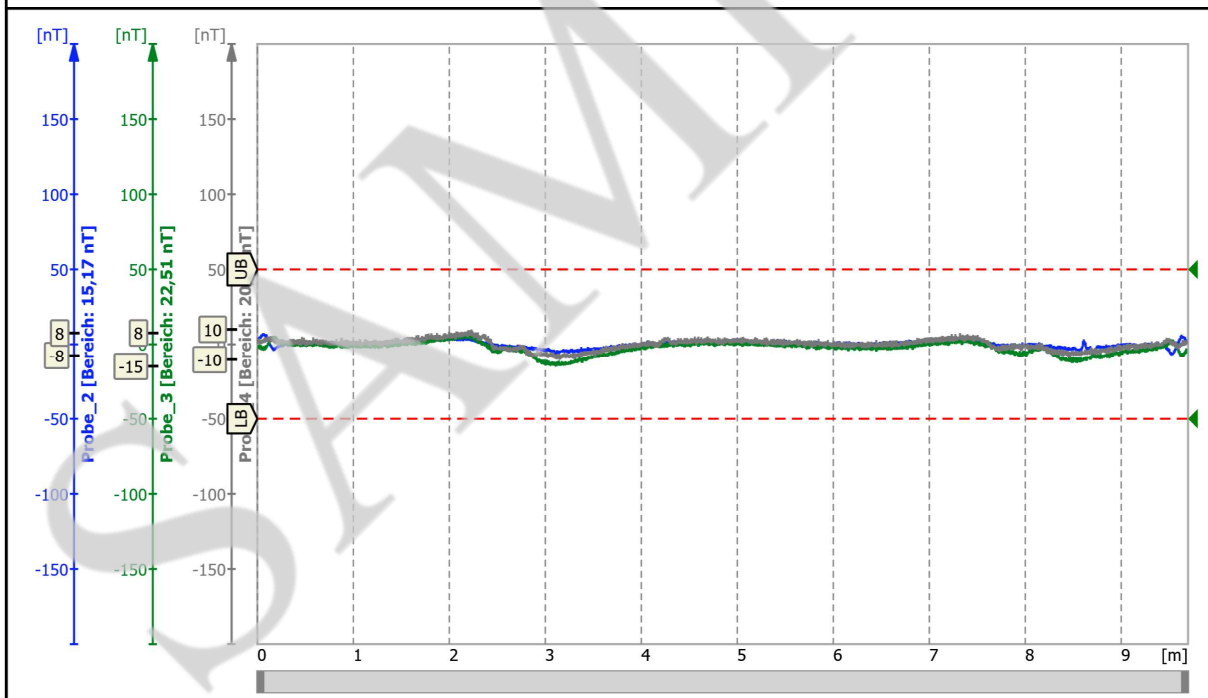
Differential Sonde Report



Auftrag Info

Bar-No / Stangen-Nr:	C6302
Material / Werkstoff:	P550
Heat-No / Schmelze:	DC2270
Dimension / Abmessung:	7 1/4" x SOLID x 31'
Operator / Prüfer:	Weiß
Date / Datum:	10.04.2024
Test Equipment / Prüfanlage:	Differential Sonde
Test Equipment / Prüfanlage:	Magnetomat 1.790
Latest Rev.:	AV070
Feedrate / Vorschub:	6.1 m/min
Acc.Limit / Grenzwert:	+50nT / -50nT

Chart



CERTIFICATE OF CONFORMITY



SCHOELLER BLECKMANN
OILFIELD TECHNOLOGY GMBH
HAUPTSTRASSE 2
A-2630 TERNITZ / AUSTRIA

Customer: **SCHOELLER-BLECKMANN MIDDLE EAST**

Date: **24.04.2024**

Qty.: **1 PIECE**

Your Order: **SBM/5765/24**

Our Works Order: **245723 / 10**

Description: **7 1/4" x SOLID x 31'**

Bar No.: **C6302**

Hot Spot tested

The products and services supplied on the above referenced Works Order have been produced in accordance with our ISO 9001 Quality System and your Purchase Order requirements.

Quality Department

Date: 24.04.2024