

**Al Takamul Company For  
Engineering Testing  
And Professional Safety Limited**



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# Casing Inspection Report



**Submitted To:**



**DAQING DRILLING(DQ 12)**



Address: Noth Rumaila, Al Takamul Yard  
Contact: +9647810009138



# Al Takamul Company For Engineering Testing And Professional Safety Limited

## 13 3/8" BTC CASING VISUAL INSPECTION SUMMARY

Customer	DAQING DRILLING	Date Of Service	5/7/2024
Location	DQ-12(IU-37)	References	API SPEC 5CT / API RP 5A5 10th Edition /BTC SPECIFICATION

DESCRIPTION
Casing 13 3/8" OD, Weight 54.50 lb/ft, Grede, L-80, Range III with BTC Connection Inspected

Procedure of Inspecting The Pin and Box End Connection. Which details such as below
1-Check that the coupling is made-up tightly and there is no gap at the shoulder.
2-Check that the coupling has not been over torqued and has yielded.
3-Check the correct weight of coupling is fitted and that there is no step at the shoulder.
4-Check that there is no plastic pressure test seals left inside the connection.
5-Check that Dents, dings or mashes caused by impact.
6-Check that Galling caused by a poor make-up.
7-Check that Rust, corrosion or pitting caused by the enviroment.

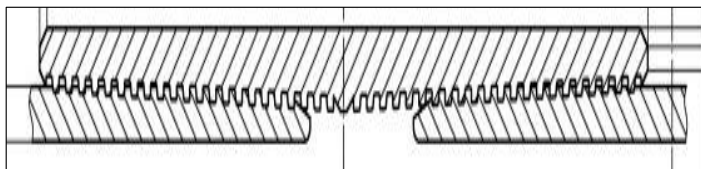
### PIN & BOX BTC CONNECTION INSPECTED AREA

**External Threads:** Inspect for Imperfections on the face, chamfer, Lc and non-Lc area.

**Internal Threads:** Inspect for imperfections in the counterbore, PTL and threaded area beyond the PTL and Seal Ring Grooves.

<b>NOTE:</b>	Apply a thin coating of thread compound on pin and box connection, fully covering all threads. The threads form should be fully visible.
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13 3/8"BTC TECHNICAL DATA										
SIZE (OD) in	Nominal Weight lb/ft	Wall Thickness in	API Drift Diameter in	Coupling OD(reg) in	Coupling ID(reg) in	Make-up Loss in	Coupling Length in	Pipe Body Section sq.in	Coupling CCS sq.in	Coupling Face Area sq.in
13 3/8"	54.50	0.380"	12.459	1140	14.375	4.813	3980	10 5/8"	13.515"	3/8"



## FINAL RESULTS

No's

58	Casing Joints 13 3/8" OD, Weight 54.50 lb/ft, Grede, L-80, Range 3 with BTC Connection Inspected.
56	Casing Joints Were Found "Acceptable" At The Time of Inspection.
2	Casing Joints Were Found "UnAcceptable" From Pin Connection Thread Damage Rejected
0	Casing Joints Were Found "UnAcceptable" From Box Connection Seal Damage&Mashed Box Rejected.

PERSON DETAILS		REVIEW BY	
INSPECTOR NAME:	HAMZA ALI	SENIOR INSPECTOR:	M.FAHAD
QUALIFICATION:	ASNT I	INSPECTION SUPERVISOR:	M.WAQAS
SIGNATURE & STAMP		CLIENT:	



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13 3/8" BTC NEW CASING VISUAL INSPECTION CERTIFICATE

Client Name:		DAQING DRILLING		Date:	May 7, 2024	
Location/Rig:		DQ-12(IU-37)		Report No.:	QC-DQ-05-24-0149	
SPECIFICATION:		API Specification 5A5&5ct,10th Edition			Make-up Loss	122.3"
Wall Thickness	0.380"	13 3/8" BTC 54.50PPF BTC L-80			ID: 12.615"	OD: 13 3/8" Drift:12.459"
Joint designation		Total Length	Visual Thread Inspection			END AREAS
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX	
1	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
2	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
3	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
4	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
5	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
6	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
7	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
8	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
9	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
10	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
11	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
12	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
13	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
14	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
15	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
16	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
17	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
18	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
19	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
20	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
21	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
22	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
23	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
24	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
25	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
26	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
27	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
28	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
29	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE
Inspector Name:	HAMZA ALI		Review By			
Qualification:	ASNT Level II (MT, PT)	Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS	Customer Name:
Signature:						Customer Signature:

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Wall Thickness	0.380"	13 3/8" BTC 54.50PPF BTC L-80			ID: 12.615"	OD: 13 3/8" Drift:12.459"	
Joint designation		Total Length	Visual Thread Inspection			END AREAS	
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX		
30	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
31	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
32	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
33	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
34	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
35	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
36	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
37	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
38	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
39	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
40	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
41	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
42	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
43	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
44	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
45	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
46	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
47	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
48	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
49	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
50	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
51	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
52	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
53	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
54	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
55	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
56	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
57	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	DAMAGE	OK	SEAL DAMAGE	
58	13 3/8' BTC 54.50 # PPF BTC CASING JOINT	-	OK	DAMAGE	OK	SEAL DAMAGE	
Inspector Name:	HAMZA ALI		Review By				
Qualification:	ASNT Level II (MT, PT)	Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS	Customer Name:	
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