

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



Iraq, Basra, Noth Rumaila

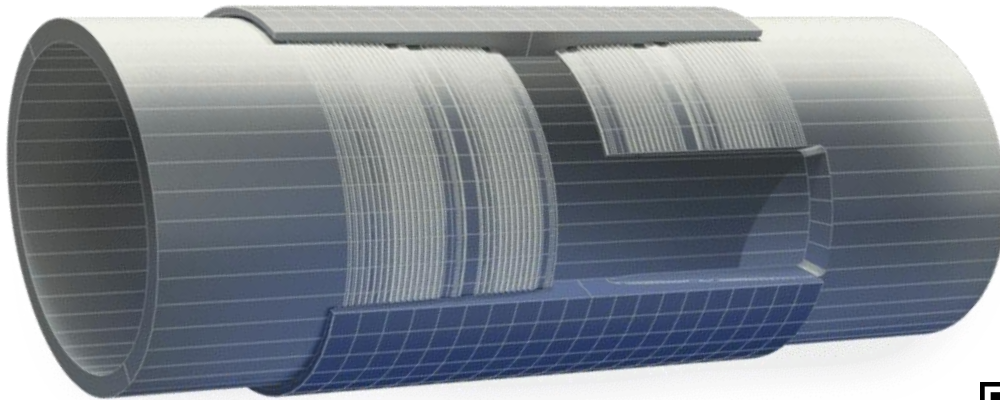


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# Casing Inspection Report



**Submitted To:**



**DAQING DRILLING(DQ1202)**



Corporate  
Partner



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

## 20" BTC - CASING VISUAL INSPECTION SUMMARY

Customer	DAQING DRILLING	Date Of Service	11.MAY.2024
Location	DQ-1202 (RU-616)	References	API SPEC 5CT&API RP 5AS 10th Edition&BTC

### DESCRIPTION

**Casing 20 " OD, Weight 133 lb/ft, Grede, K-55, 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. (Teflon seals are not recommended by VAM)
- 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.

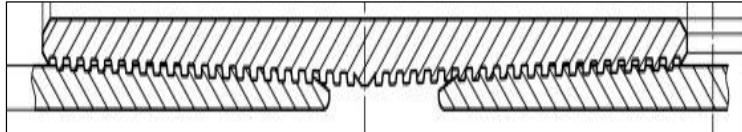
#### PIN & BOX VAM TOP CONNECTION INSPECTED AREA

**Box Thread:** Counter bore, Torque shoulder, Seal area, Cylindrical part, Perfect thread length, face.

**Pin Thread:** Imperfect thread length, Perfect thread length, Cylindrical part, Seal area, Radius between seal and shoulder, Torque

#### VAM TOP TECHNICAL DATA

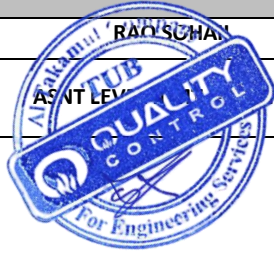
SIZE (OD) in	Nominal Weight lb/ft	Wall Thickness in	API Drift Diameter in	Coupling OD(reg) in	Coupling ID(reg) in	Make-up Loss in	Coupling Length in	Pipe Body Section sq.in	Coupling CCS sq.in	Coupling Face Area sq.in
20"	133	0.635"	18.542"	K-55	18.73"	4.6125"	1496	3055	BTC	2125



### FINAL RESULTS

No's

- 4 Casing Joints 20" OD, Weight 133 lb/ft, Grede, K-55, Range 3 with BTC Connection Inspected.
- 3 Casing Joints Were Found "Acceptable" At The Time of Inspection.
- NIL Casing Joints Were Found "UnAcceptable" From Pin Connection Thread Damage&Rusted Rejected.
- 1 Casing Joints Were Found "UnAcceptable" From Box Connection Thread&Seal DamageRejected.

PERSON DETAILS		REVIEW BY	
INSPECTOR NAME:	RAO SUDHAN	SENIOR INSPECTOR:	NAVEED
QUALIFICATION:	ASNT LEV II, VT	INSPECTION SUPERVISOR:	FAHAD
SIGNATURE & STAMP		CLIENT:	



Corporate Partner



Adress; Noth Rumaila, Al Takamul Yard  
Contact: +9647810009138



20" BTC NEW CASING VISUAL INSPECTION CERTIFICATE							
Client Name:		DAQING DRILLING.CO		Date:		11.MAY.2024	
Location/Rig:		DQ-1202 (RU-616)		Report No.:		QC-DQ-05-24-0152	
SPECIFICATION:		API SPEC 5CT&API RP S45 10th Edition&BTC				Make-up Loss	4.6125"
Wall Thickness	0.635"	20" BTC    133 PPF    BTC    K-55				ID: 18.73"	OD: 20" Drift:18.542"
Joint designation		Total Length	Visual Thread Inspection			END AREAS	
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX		
1	20" BTC 133 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
2	20" BTC 133 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
3	20" BTC 133 # PPF BTC CASING JOINT	-	OK	OK	OK	READY TO USE	
Inspector Name:	RAO SOHA		Review By				
Qualification:	ASNT Level III NDT	Senior Inspector:	NAVEED	Supervisor:	M.FAHAD	Customer Name:	
Signature:						Customer Signature:	

Original - Client Files

Copy - Area Office

QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021

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