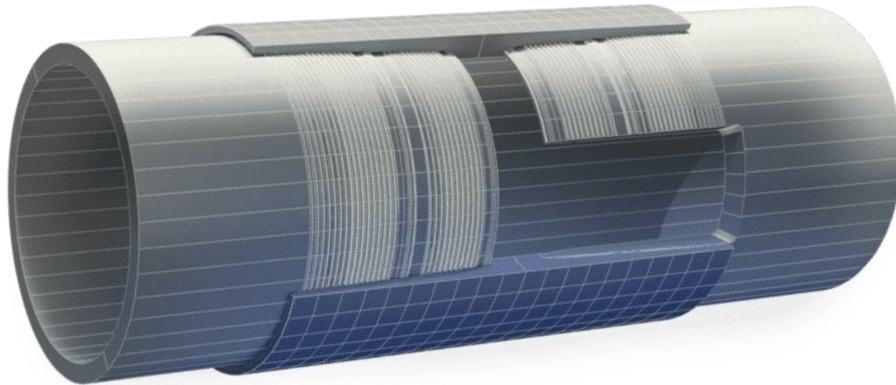


**Al Takamul Company For
Engineering Testing
And Professional Safety Limited**



 Iraq, Basra, Norh Rumaila
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 00964 7810009138

Casing Inspection Report



Submitted To:



DAQING DRILLING(DQ12)



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

7" VAM TOP CASING VISUAL INSPECTION SUMMARY

Customer	DAQING DRILLING	Date Of Service	05.APR.2024
Location	DQ-12(R-807)	References	API SPEC 5CT / API RP 5A5 10th Edition / VAM SPECIFICATION

DESCRIPTION

Casing 7" OD, Weight 29.00 lb/ft, Grede, L-80, Range 3 with VAM TOP 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

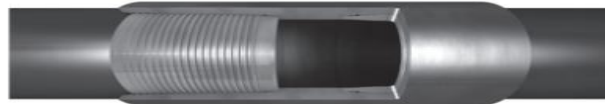
VAM TOP TECHNICAL DATA

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
7"	29.00'	0.408	6.059	7.644	6.324	4.775	11.54	8.449	8.634	4.592

Regular Yield Strength (1000 lb)

55 Ksi	80 Ksi	90 Ksi	95 Ksi	110 Ksi	125 Ksi	140 Ksi	150 Ksi
465	676	760	803	929	1056	1183	1267


NOTE: Running Vam Top- Dope quantities required Dope volume 25 cm³ or 1.5 in³.



FINAL RESULTS

No's

- 65** Casing Joints 7" OD, Weight 29.00 lb/ft, Grede, L-80, Range 3 with VAMTOP Connection Inspected.
- 61** Casing Joints Were Found "**Acceptable**" At The Time of Inspection.
- 4** Casing Joints Were Found "**UnAcceptable**" From **Pin** Connection Thread Damage Rejected.
- NIL** Casing Joints Were Found "**UnAcceptable**" From **Box** Connection Seal Damage&Mashed Box Rejected.

PERSON DETAILS		REVIEW BY	
INSPECTOR NAME:	RAO SHAHIL	SENIOR INSPECTOR:	M.FAHAD
QUALIFICATION:	ASNT LEVEL II MT, PT, UT	INSPECTION SUPERVISOR:	M.WAQAS
SIGNATURE & STAMP		CLIENT:	



7" VAM TOP NEW CASING VISUAL INSPECTION CERTIFICATE

Client Name:		DAQING DRILLING		Date:	05.APR.2024	
Location/Rig:		DQ-12(R-807)		Report No.:	QC-24-APR-DQ12-RS-001	
SPECIFICATION:		API Specification 5A5&5ct,10th Edition /VAM SPECIFICATION			Make-up Loss	4.775"
Wall Thickness	0.408"	7"VAM TOP	29.00PPF	VAM TOP	L-80	ID: 6.185" OD: 7.00" Drift: 6.059"
Joint designation		Total Length	Visual Thread Inspection			END AREAS
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX	
1	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
2	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
3	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
4	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
5	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
6	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
7	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
8	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
9	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
10	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
11	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
12	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
13	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
14	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
15	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
16	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
17	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
18	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
19	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
20	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
21	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
23	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
24	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
25	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
26	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
27	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
30	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
31	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
32	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
33	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
Inspector Name:	RAO SOHAIL		Review By			
Qualification:	ASNT		Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS
Signature:	[Signature]				Customer Name:	
						Customer Signature:

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7" VAM TOP NEW CASING VISUAL INSPECTION CERTIFICATE

Client Name:		DAQING DRILLING		Date:	05.APR.2024	
Location/Rig:		DQ-12(R-807)		Report No.:	QC-24-APR-DQ12-RS-001-1	
SPECIFICATION:		API Specification 5A5&5ct,10th Edition /VAM SPECIFICATION			Make-up Loss	4.775"
Wall Thickness	0.408"	7"VAM TOP	29.00PPF	VAM TOP	L-80	ID: 6.185" OD: 7.00" Drift: 6.059"
Joint designation		Total Length	Visual Thread Inspection			END AREAS
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX	
34	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	
35	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
36	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
37	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
38	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
39	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
40	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
41	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
42	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
43	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
44	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
45	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
46	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
47	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
48	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
49	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
50	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
52	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
53	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
54	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
55	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
56	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
57	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
58	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
59	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
60	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
61	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
62	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
63	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
64	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
65	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	OK	OK	OK	READY TO USE
Inspector Name:	RAO SOHAIL		Review By			
Qualification:	ASNT (C) (T) (U)		Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS
Signature:					Customer Name:	
				Customer Signature:		

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7" VAM TOP NEW CASING VISUAL INSPECTION CERTIFICATE

Client Name:		DAQING DRILLING		Date:	05.APR.2024	
Location/Rig:		DQ-12(R-807)		Report No.:	QC-24-APR-DQ12-RS-001-2	
SPECIFICATION:		API Specification 5A5&5ct,10th Edition /VAM SPECIFICATION			Make-up Loss	4.775"
Wall Thickness	0.408"	7"VAM TOP	29.00PPF	VAM TOP	L-80	ID: 6.185" OD: 7.00" Drift: 6.059"
Joint designation		Total Length	Visual Thread Inspection			END AREAS
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX	
22	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
28	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
29	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
51	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
Inspector Name:		RAO SOHAIL			Review By	
Qualification:		ASNT (WT, T, U)		Senior Inspector:	M.FAHAD	Supervisor:
Signature:		M.WAQAS		Customer Name:	Customer Signature:	

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