




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

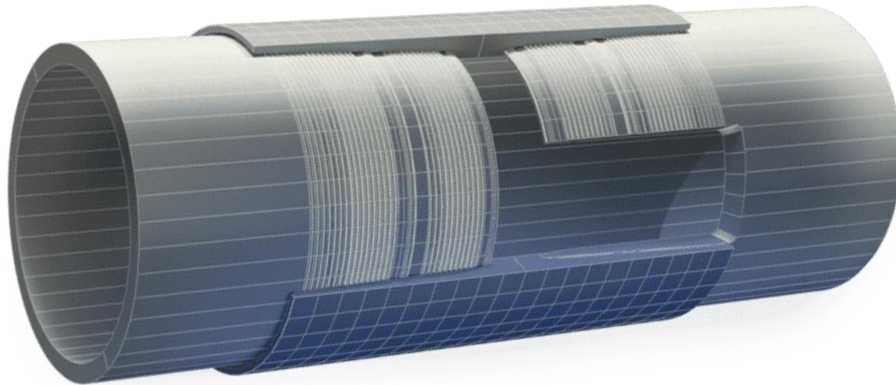


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# Casing Inspection Report



**Submitted To:**



**DAQING DRILLING(DQ11)**



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

## 7" VAM TOP CASING VISUAL INSPECTION SUMMARY

<b>Customer</b>	<b>DAQING DRILLING</b>	<b>Date Of Service</b>	<b>21.APR.2024</b>
<b>Location</b>	<b>DQ-11(R-809)</b>	<b>References</b>	<b>API SPEC 5CT / API RP 5A5 10th Edition / VAM SPECIFICATION</b>

### 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

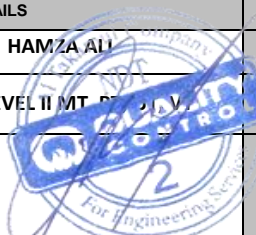
**NOTE:** Running Vam Top- Dope quantities required Dope volume 25 cm<sup>3</sup> or 1.5 in<sup>3</sup>.



## FINAL RESULTS

No's

- 63** Casing Joints 7" OD, Weight 29.00 lb/ft, Grede, L-80, Range 3 with VAMTOP Connection Inspected.
- 58** Casing Joints Were Found "**Acceptable**" At The Time of Inspection.
- 5** 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:	HAMZA ALI	SENIOR INSPECTOR:	M.FAHAD
QUALIFICATION:	ASNT LEVEL II MT PT 2 V	INSPECTION SUPERVISOR:	M.WAQAS
SIGNATURE & STAMP		CLIENT:	



### 7" VAM TOP NEW CASING VISUAL INSPECTION CERTIFICATE

Client Name:		DAQING DRILLING		Date:	21.APR.2024	
Location/Rig:		DQ-11(R-809)		Report No.:	QC-DQ-04-24-0132	
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	
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
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
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
22	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
Inspector Name:	HAMZA ALL		Review By			
Qualification:	ASNT Level 1, UT, UT II		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:	21.APR.2024	
Location/Rig:		DQ-11(R-809)		Report No.:	QC-DQ-04-24-0132	
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
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
Inspector Name:	HAMZA ALI		Review By			
Qualification:	ASNT Level II		Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS
Signature:			Customer Name:			Customer Signature:

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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	
4	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	
11	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
20	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
21	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
60	7" VAM TOP 29.00# PPF VAM TOP CASING JOINT	-	-	T.D	OK	PIN SIDE THREAD DAMAGE
Inspector Name:		HAMZA ALI		Review By		
Qualification:	ASNT Level 1	Senior Inspector:	M.FAHAD	Supervisor:	M.WAQAS	Customer Name:
Signature:						Customer Signature:

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