

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



Iraq, Basra, Norh Rumaila

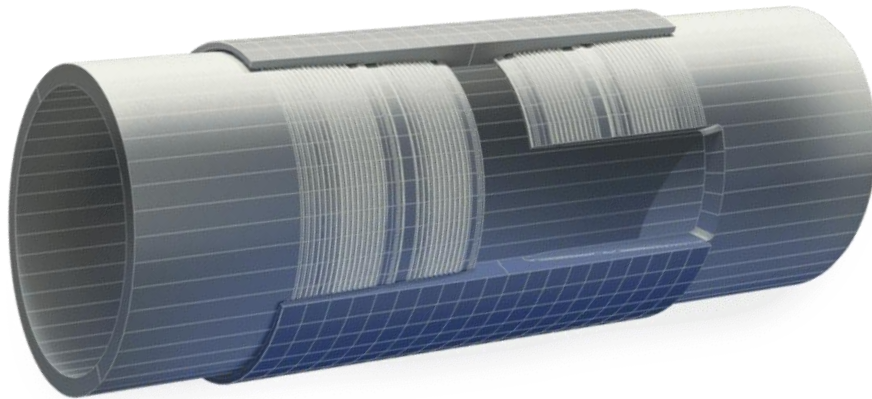


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# TUBING Inspection Report



**Submitted To:**



**DAQING DRILLING(DQ038)**



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

### 3 1/2" VAM TOP TUBING VISUAL INSPECTION SUMMARY

Customer	DAQING DRILLING	Date Of Service	02.MAR.2024
Location	DQ-38 (RU-600)	References	API SPEC 5CT / API RP 5A5 10th Edition / VAM SPECIFICATION

#### DESCRIPTION

**TUBING 3 1/2" OD, Weight 9.20 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.

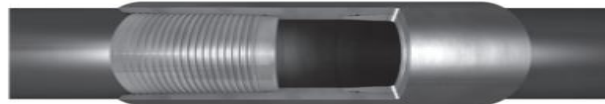
#### PIN & BOX VAM TOP CONNECTION INSPECTED AREA

**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
3 1/2"	9.20'	0.254	2.867	3.908	2.959	3.032	7.05	2.59	2.643	1.448
Regular Yield Strength (1000 lb)										
55 Ksi	80 Ksi	90 Ksi	95 Ksi	110 Ksi	125 Ksi	140 Ksi	150 Ksi			
	207	760	803	929	1056	1183	1267			
<b>NOTE:</b>	Running Vam Top- Dope quantities required Dope volume 25 cm <sup>3</sup> or 1.5 in <sup>3</sup> .									



### FINAL RESULTS

No's

- 11** TUBING PUP Joints 3 1/2" OD, Weight 9.20 lb/ft, Grede, L-80, Range 3 with VAMTOP Connection Inspected.
- 10** TUBING PUP Joints Were Found "Acceptable" At The Time of Inspection.
- 1** TUBING PUP Joints Were Found "UnAcceptable" From Pin Connection Thread Damage&Rusted Rejected.

PERSON DETAILS		REVIEW BY	
INSPECTOR NAME:	SHERIF MOHAMED	SENIOR INSPECTOR:	M.FAHAD
QUALIFICATION:	ASNT LEVEL II MT - PT	INSPECTION SUPERVISOR:	M.WAQAS
SIGNATURE & STAMP		CLIENT:	

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**3 1/2" VAM TOP NEW CASING VISUAL INSPECTION CERTIFICATE**

Client Name:		<b>DAQING DRILLING</b>		Date:	02.MAR.2024	
Location/Rig:		DQ-38 (RU-600)		Report No.:	QC-24-MAR-DQ-38-0080-001	
SPECIFICATION:		API Specification 5A5&5ct,10th Edition /VAM SPECIFICATION			Make-up Loss	3.032
Wall Thickness	0.254"	3 1/2"VAM TOP 9.20PPF VAM TOP L-80			ID: 2.926"	OD: 3.500" Drift: 2.867"
Joint designation		Total Length	Visual Thread Inspection			END AREAS
SERIAL:NO	Actual # on JT.	(m)	Thread Profile Gauge	PIN	BOX	
CPJ1	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	OK	OK	READY TO USE
CPJ2	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	OK	OK	READY TO USE
CPJ3	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	OK	OK	READY TO USE
CPJ4	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	OK	OK	READY TO USE
CPJ5	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	OK	OK	READY TO USE
CPJ6	3 1/2" VAM TOP TUBING PUP JOINT	3.05	OK	S.D	OK	REJECTED
CPJ7	3 1/2" VAM TOP TUBING PUP JOINT	1.52	OK	OK	OK	READY TO USE
CPJ8	3 1/2" VAM TOP TUBING PUP JOINT	1.52	OK	OK	OK	READY TO USE
CPJ9	3 1/2" VAM TOP TUBING PUP JOINT	1.52	OK	OK	OK	READY TO USE
CPJ10	3 1/2" VAM TOP TUBING PUP JOINT	1.52	OK	OK	OK	READY TO USE
CPJ11	3 1/2" VAM TOP TUBING PUP JOINT	1.52	OK	OK	OK	READY TO USE
Inspector Name:	SHERIF MOHAMED		Review By			
Qualification:	ASNT Level II (NDE, PT)	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	M.WAQAS	Customer Name:
Signature:						Customer Signature:

Original - Client Files

Copy - Area Office

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

