



QUALITY CONTROL

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



00964 7810009138



op@qualitycontrol-iraq.com
admin@qualitycontrol-iraq.com



Iraq, Basra, Norh Rumaila

Tubing Inspection Report



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



Submitted To: DAQING DRILLING(DQ-11)



**Corporate
Partner**



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



4 1/2" TUBING PUP JOINTS INSPECTION SUMMARY

Customer	DAQING DRILLING	Date Of Service	02.JUNE.2024
Location	DQ-11/ R-811	References	API Specification 5A5&5ct,10th Edition /VAM SPECIFICATION

DESCRIPTION
Tubing 4 1/2" OD, Weight 12.60 lb/ft, Grede, L-80, Range 2 with VAMTOP 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 shoulder, Internal weight counterbore.

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
4 1/2	12.60	0.271	3.383	4.937	3.913	3.222	7.440	3.600	3.672	2.019
Regular Yield Strength (1000 lb)										
55 Ksi	80 Ksi	90 Ksi	95 Ksi	110 Ksi	125 Ksi	140 Ksi	150 Ksi			
-	288	324	342	396	450	504	540			
NOTE:	Running Vam Top- Dope quantities required Dope volume 6 cm ³ or 0.4 in ³ .							Condition:	NEW	

FINAL RESLULTS



*6 No's of Tubing Pup Joints 4 1/2" OD, Weight 12.60 lb/ft, Grede, L-80, Range 2 with VAMTOP Connection Inspected.

*6 No's of Tubing Pup Joints Were Found "Acceptable" At The Time of Inspection .

PERSON DETAILS			REVIEW BY	
INSPECTOR	HAMZA .ALI	SENIOR INSPECTOR:	RAO SOHAIL	
QUALIFICATION	ASNT LEVEL II MT, PT, UT, VT	INSPECTION SUPERVISOR:	M.WAQAS	
SIGNATURE		CLIENT:		



Corporate Partner



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



4 1/2" VAM TOP NEW TUBING VISUAL INSPECTION CERTIFICATE

[illegible]