



QUALITY CONTROL

Al Takamul Company For Engineering Testing
And Professional Safety Limited



5" DRILL PIPE INSPECTION REPORT

Al Takamul Company For Engineering
Testing And Professional Safety Limited



ONLINE TRACEABILITY

Submitted To: ZPEC-25 / RU-612



Corporate
Partner



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Iraq, Basra, Norh Rumaila



Customer	ZHONGMAN PETROLEUM AND NATURAL GAS GROUP CROP,LTD	Date Of Service	12.MAY.2024
Location	RU-612	References	DS-1 Fifth Edition, Volume 3 / CAT-5

First of all we would like to thank the rig crew for their adequate, proper, instant assistance given to Q.C TAKAMUL COMPANY during the inspection & thorough examination period. To achieve the job as perfect as it should be, as well we wish that our crew did the job as efficiently as it should be.

Procedure

Inspection is applied for (CAT-5) No's (27) of Joints 5" Drill Pipe Grade S2(S-135) Connection (HT50) weight (19.50 lbs/ft)

These Procedures Done On All Pipes As Below.

- | | |
|--|--|
| * Visual Connection | * MPI Slip/Upset |
| *Dimensional -2 | * UFD Slip/Upset |
| *Blacklight Connection | * UT Wall Thickness |
| *Heat Checking | * Internal Cleaning |
| *Visual Tube | * External Cleaning By Using Power Full Buff |
| * OD Gage | |
| * EMI ₁ | |
| * Complete Inspection Of Drill Pipe In Accordance With DS-1 Fifth Edition,Volume 3 / CAT-5 | |

Result

*** (27) No's Joints 5" OD Drill Pipe Grade S-135(S2) Weight 19.50 lbs/ft With (HT50) Total Inspected As Per (DS-1) Standards.

*** 23 Joints Were Found Acceptable Premium Class (P/C)

*** 4 Joints Were Found Un-Acceptable Rejected.

REJECTION DETAILS FROM PIN & BOX CONNECTION

*** 3 Joints Were Found Un-Acceptable From Box Side Seal Damage (Rejected)

*** N/A Joints Were Found Un-Acceptable From Pin Side Thread&Nose Seal Pitte&Thread Damage (Rejected)

*** 1 Joints Was Found Un-Acceptable From Pin&Box Side Seal Damage Damage (Rejected)



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5" DRILL PIPE ACCORDING TO DS-1 FIFTH EDITION, VOLUME 3 INSPECTION CERTIFICATE

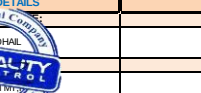
CUSTOMER:	ZHONGMAN PETROLEUM AND NATURAL GAS GROUP CROP,LTD				LOCATION	RU-612	RIG No:	ZPEC-25	DATE OF WORK:	12-May-24
PIPE NOMINAL OD:	5"	CONNECTION:	HT50	WEIGHT:	(19.50 lbs/ft)	GRADE:	S-135(S2)	REPORT NO:	ZPEC-25-QC-24-MAY-030	
TYPE OF INSPECTION:	CATEGORY-5	NOMINAL WALL THICK:	0.362"	STANDARD:	DS-1 Fifth Edition, Volume 3 / CAT-5				REPORT PAGE NO:	1 to 4

INSPECTION METHOD

Visual Tube	✓	Visual Connection		✓	MPI Connection	✓	MPI Slip & Upset	✓	Dry MPI	-	Dimensional 2	✓	UT Wall Thickness	✓
EMI	✓	Heat Checking		✓	OD Gauge	✓	TH.Profile Gauge	✓	DPT	-	UFD OF SLIP UPSET AREA			✓

S.NO	PIPE SERIAL NO	PIN DIMENSION (INCHES)							BOX DIMENSION (INCHES)							MPI OF SLIP UPSET AREA		UT SLIP UPSET		CONNECTION INSPECTION		CONNECTION INSPECTION		VISUAL TUBE INTERNAL EXTERNAL CONDITION				OD GAGE	AVERAGE PIPE WALL THIC.	H.B	EMI	FINAL CLASS				REMARKS
		PN OD	PN ID	PN CONNE CTION LTH	PN NECK LTH	BEVEL DIA.	PN NOSE DIA	PN TONG SPACE	Box OD	BOX SHOUL WIDTH	BOX CONNEC TION LTH	BEVEL DIA.	BOX C.BORE DIA.	BOX C.BOR E WALL THICKN ES	BOX TONG SPACE	PN UPSET AREA	BOX UPSET AREA	PN TOOL JOINT.	BOX TOOL JOINT.	PN TOOL JOINT.	BOX TOOL JOINT.	PN TOOL JOINT.	BOX TOOL JOINT.	INTERNA L PLASTIC COATING	P / T INTERNA L CLEANING	P/T EXTERNA L CLEANING	BODY CONDITI ON.					PC	C2	C3	C4	
1	208119	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	11 1/4"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.374"	✓	OK	✓	..	..	-	Acceptable
2	208209	6 19/32"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 19/32"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 1/2"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.378"	NA	OK	✓	..	..	-	Acceptable
3	207809	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	11 1/4"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.393"	NA	OK	✓	..	..	-	Acceptable
4	207780	6 19/32"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 19/32"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 7/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.394"	NA	OK	✓	..	..	-	Acceptable
5	207836	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	9"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	15"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.384"	✓	OK	✓	..	..	-	Acceptable
6	207858	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	11 1/4"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.379"	NA	OK	✓	..	..	-	Acceptable
7	208227	6 19/32"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 19/32"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 1/2"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.375"	NA	OK	✓	..	..	-	Acceptable
8	700	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	15 1/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.381"	NA	OK	✓	..	..	-	Acceptable
9	207928	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 1/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.383"	NA	OK	✓	..	..	-	Acceptable
10	207805	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 7/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.379"	NA	OK	✓	..	..	-	Acceptable
11	208374	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	11 1/4"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.382"	✓	OK	✓	..	..	-	Acceptable
12	207831	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	11 1/4"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.380"	✓	OK	✓	..	..	-	Acceptable
13	208180	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	15"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.376"	NA	OK	✓	..	..	-	Acceptable
14	208504	6 5/8"	3.50"	6 1/8"	1.25"	6 1/8"	4 10/32"	8 7/8"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	14 7/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.378"	NA	OK	✓	..	..	-	Acceptable
15	209241	6 5/8"	3.50"	6 1/8"	1.75"	6 1/8"	4 10/32"	8 3/4"	6 5/8"	18/32"	6 1/8"	6 1/8"	5 5/16"	1.875"	15 1/8"	OK	OK	OK	OK	OK	OK	OK	OK	2	OK	OK	OK	OK	0.379"	NA	OK	✓	..	..	-	Acceptable

Result:15 Joints Were Found Acceptable From Pin & Box Sides Premium Class (P/C) (Ready To Use).

ABBREVIATIONS USED						REPRESENTATIONS						SUMMARY OF DRILL PIPE INSPECTION						CLASSIFICATION OF DRILL PIPE						ONLINE TRACEABILITY	
PIN COND = PIN CONDITION			TD = THREAD DAMAGE			PS = PITTED SEAL			INTERNAL PLASTIC COATING (IPC): Overall Coating Loss in Tube Area			TOTAL DRILL PIPE INSPECTED			15			PC = PREMIUM CLASS			15				
LP = LIGHT PITTING			SD = SEAL DAMAGE			MS = WASHED SEAL			Localized Coating Loss 360° (Internal surface any linear section of length 3 feet in tube area)			DRILL PIPE NEED TO BE RECUT			NIL			C2 = CLASS I			NIL				
S.P = SEVERE PITTING			PT = PITTED THREAD			W.O.T = WORN OUT THREAD			1= No loss; minor abrasion, 2=>25%, 3=>25% & <50%, 4=>50%			DRILL PIPE NEED TO BE RECHASE			NIL			C3 = CLASS II			NIL				
PIT.LC = PIPE/TUBE INTERNAL CLEANING			SWO = SEAL WASHOUT			RB = RE BEVEL			Magnetic Particle Inspection By AC Yoke UPSET OR SLIP AREA PIN, BOX TO MPI 48" FROM BOX AND 36" FROM PIN			DRILL PIPE NEED TO BE STRAIGHT			NIL			C4 = CLASS IV			NIL				
PIT.LC = PIPE/TUBE EXTERNAL CLEANING			RF = RE FACING			ID.D.I.P=D DEEP INTERNAL PITTING			DRILL PIPE JUNK			NIL													
IPC = INTERNAL PLASTIC COATING			CR = CRACK			N.P=NOSE PITTED						DRILL PIPE USEABLE			15										
CSA = CROSS SECTION AREA			BS =BOX SWELL			B.B=BODY BENT																			
INSPECTION EQUIPMENT DETAILS						TECHNICAL DETAILS						PERSON DETAILS						REVIEW BY							
EQUIPMENT	SERIAL NUMBER	CAL.DUE DATE:	EQUIPMENT	SERIAL NUMBER	CAL.DUE DATE:	White Contrast WCP-2						MANUFACTURE		BATCH NO		EXPIRE DATE						SENIOR INSPECTOR:			
AC YOKE	201504053	14-Aug-24	GAUSS METER	14001175	14-Aug-24	Black Magnetic Ink 7HF						Magnaflux		220602		JUN.2025						M.FHAID			
UT THICK. METER	520750	14-Aug-24	LUX METER	2722003	14-Aug-24							MANUFACTURE		BATCH NO		EXPIRE DATE						INSPECTION SUPERVISOR:			
DC COIL	SC22713	14-Aug-24	ULTRASONIC FLAW DETECTOR	6017374	14-Aug-24	Fluorescent Magnetic Ink 14HF						Magnaflux		220605		JULY.2025		WAQAS AWAN							
BLACK LIGHT	1900084	14-Aug-24	INTENSITY METER	1608000134	14-Aug-24							MANUFACTURE		BATCH NO		EXPIRE DATE		CLIENT:							
EMI UNIT	TSEZW05152269	15-Aug-24	PIT GAUGE	97594	14-Aug-24							Magnaflux		220306		MARCH.2025									
UV LIGHT INTENSITY:						2950 µw/cm²																			
14HF Concentration:			0.1 to 0.4 mJ/100 ml			7HF Concentration:			1.2 to 1.4 mJ/100 ml																
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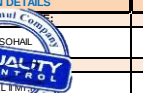


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CUSTOMER:	ZHONGMAN PETROLEUM AND NATURAL GAS GROUP CROP,LTD			LOCATION	RJ-612	RIG No:	ZPEC-25	DATE OF WORK:	12-May-24
PIPE NOMINAL OD:	5"	CONNECTION:	HT50	WEIGHT:	(19.50 lbs/ft)	GRADE:	S-135(S2)	REPORT NO:	ZPEC-25-QC-24-MAY-030
TYPE OF INSPECTION:	CATEGORY-5	NOMINAL WALL THICK:	0.362"	STANDARD:	DS-1 Fifth Edition, Volume 3 / CAT-5			REPORT PAGE NO:	2 to 4

[illegible]

ABBREVIATIONS USED						REPRESENTATIONS		SUMMARY OF DRILL PIPE INSPECTION		CLASSIFICATION OF DRILL PIPE		ONLINE TRACEABILITY
FIN COND = FIN CONDITION	TD = THREAD DAMAGE	PS = PITTED SEAL	INTERNAL PLASTIC COATING (IPC) Overall Coating Loss In Tube Area 1= No loss; minor abrasion, 2= >20%, 3= >30% AND <35% 4= >35%		TOTAL DRILL PIPE INSPECTED		8	PC = PREMIUM CLASS	8			
LP = LIGHT PITTING	SD = SEAL DAMAGE	MS = MASHED SEAL	Localized Coating Loss 360° [Internal surface any linear section of length 3 feet in tube area] 1= No loss; minor abrasion, 2= >25%, 3= >25% & <50%, 4= >50% Magnetic Particle Inspection By AC Yoke UPSET OR SLIP AREA PIN, BOX TO MPI 48" FROM BOX AND 36" FROM PIN		DRILL PIPE NEED TO BE RECUT		NIL	C2 = CLASS I	NIL			
S.D = SEVERE PITTING	PT = PITTED THREAD	W.O.T = WORN OUT THREAD			DRILL PIPE NEED TO BE RECHASE		NIL	C3 = CLASS II	NIL			
PIT/LC = PIPE/TUBE EXTERNAL CLEANING	SWO = SEAL WASHOUT	RB = RE BEVEL			DRILL PIPE NEED TO BE STRAIGHT		NIL	C4 = CLASS IV	NIL			
PIT/C = PIPE/TUBE INTERNAL CLEANING	RF = RE FACING	D.I.D.P = DEEP INTERNAL PITTING			DRILL PIPE JUNK		NIL					
IPC = INTERNAL PLASTIC COATING	CR = CRACK	N-P=NOSE PITTED			DRILL PIPE USEABLE		8					
CSA = CROSS SECTION AREA	BS =BOX SWELL	B.B=BODY BENT										
INSPECTION EQUIPMENT DETAILS						TECHNICAL DETAILS		PERSON DETAILS		REVIEW BY		
EQUIPMENT	SERIAL NUMBER	CAL/DUE DATE:	EQUIPMENT	SERIAL NUMBER	CAL/DUE DATE:	MANUFACTURE	BATCH NO	EXPIRE DATE		SENIOR INSPECTOR:		
AC YOKE	20154063	14-Aug-24	GAUSS METER	14001175	14-Aug-24	Magnatflux	220602	JUN.2025		M.FHAID		
UT THICK. METER	\$20750	14-Aug-24	LUX METER	2722003	14-Aug-24	MANUFACTURE	BATCH NO	EXPIRE DATE		INSPECTION SUPERVISOR:		
DC COIL	SC22713	14-Aug-24	ULTRASONIC FLAW DETECTOR	1017374	14-Aug-24	Magnatflux	220605	JULY.2025		WAQAS AWAN		
BLACK LIGHT	1900084	14-Aug-24	INTENSITY METER	1608000134	14-Aug-24	MANUFACTURE	BATCH NO	EXPIRE DATE		CLIENT:		
EMI UNIT	TSEZW05152269	15-Aug-24	PIT GAUGE	97594	14-Aug-24	Magnatflux	220306	MARCH.2025				
UVLIGHT INTENSITY:		2950 µw/cm²				Fluorescent Magnetic Ink 14HF						
14HF Concentration:		0.1 to 0.4 ml/100 ml		7HF Concentration:		1.2 to 1.4 ml/100 ml						
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CUSTOMER:	ZHONGMAN PETROLEUM AND NATURAL GAS GROUP CROP,LTD			LOCATION	RJ-612	RIG No:	ZPEC-25	DATE OF WORK:	12-May-24
PIPE NOMINAL OD:	5"	CONNECTION:	HT50	WEIGHT:	(19.50 lbs/ft)	GRADE:	S-135(S2)	REPORT NO:	ZPEC-25-QC-24-MAY-030
TYPE OF INSPECTION:	CATEGORY-5	NOMINAL WALL THICK:	0.362"	STANDARD:	DS-1 Fifth Edition, Volume 3 / CAT-5			REPORT PAGE NO:	3 to 4

[illegible]

ABBREVIATIONS USED			REPRESENTATIONS			SUMMARY OF DRILL PIPE INSPECTION			CLASSIFICATION OF DRILL PIPE			ONLINE TRACEABILITY
FW COND = FPN CONDITION	TD = THREAD DAMAGE	PS = PITTED SEAL	INTERNAL PLASTIC COATING (IPC): Overall Coating Loss in Tube Area			TOTAL DRILL PIPE INSPECTED 3 DRILL PIPE NEED TO BE RECUT N/A DRILL PIPE NEED TO BE RECHASE N/A DRILL PIPE NEED TO BE STRAIGHT N/A DRILL PIPE JUNK N/A DRILL PIPE USEABLE -			PC = PREMIUM CLASS 3			
LP = LIGHT PITTING	PT = PITTED THREAD	MS = MASHED SEAL	Localized Coating Loss 360° (Internal surface any linear section of length 3 feet in tube area)						C2 = CLASS I N/A			
S.D = SEVERE PITTING	SWO = SEAL WASHOUT	W.O.T = WORN OUT THREAD	1= No loss; minor abrasion, 2= >25%, 3= >25% & <50%, 4= >50%			C3 = CLASS II N/A						
PI/TIC = PIPE/TUBE EXTERNAL CLEANING	RF = RE FACING	R.B = RE BEVEL	Magnetic Particle Inspection By AC Yoke UPSET OR SLIP AREA PIN, BOX			C4 = CLASS IV N/A						
PI/IC = PIPE/TUBE INTERNAL CLEANING	N-P = NOSE PITTED	D.I.D.P = DEEP INTERNAL PITTING	TO MPI 48" FROM BOX AND 36" FROM PIN									
IPC = INTERNAL PLASTIC COATING	CSA = CROSS SECTION AREA	B.S = BODY BENT										
INSPECTION EQUIPMENT DETAILS			TECHNICAL DETAILS			PERSON DETAILS			REVIEW BY			
EQUIPMENT	SERIAL NUMBER	CAL/DUE DATE	EQUIPMENT	SERIAL NUMBER	CAL/DUE DATE	MANUFACTURE	BATCH NO	EXPIRE DATE		SENIOR INSPECTOR:		
AC YOK	20154063	14-Aug-24	GAUSS METER	14001175	14-Aug-24	Magnatflux	220602	JUN.2025		M.FHAID		
UT THICK. METER	\$20750	14-Aug-24	LUX METER	27222003	14-Aug-24	MANUFACTURE	BATCH NO	EXPIRE DATE		INSPECTION SUPERVISOR:		
DC COIL	SC22713	14-Aug-24	ULTRASONIC FLAW DETECTOR	1017374	14-Aug-24	Magnatflux	220605	JULY.2025		WAQAS AWAN		
BLACK LIGHT	1900084	14-Aug-24	INTENSITY METER	1608000134	14-Aug-24	MANUFACTURE	BATCH NO	EXPIRE DATE	CLIENT:			
EMI UNIT	TSEZW05152269	15-Aug-24	PIT GAUGE	97594	14-Aug-24	Magnatflux	220306	MARCH.2025				
UV LIGHT INTENSITY:			2950 µw/cm²			Fluorescent Magnetic Ink 14HF						
14HF Concentration:			0.1 to 0.4 ml/100 ml			7HF Concentration:			1.2 to 1.4 ml/100 ml			
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CUSTOMER:	ZHONGMAN PETROLEUM AND NATURAL GAS GROUP CROP,LTD			LOCATION	RUJ-612	RIG No:	ZPEC-25	DATE OF WORK:	12-May-24
PIPE NOMINAL OD:	5"	CONNECTION:	HT50	WEIGHT:	(19.50 lbs/ft)	GRADE:	S-135(S2)	REPORT NO:	ZPEC-25-QC-24-MAY-030
TYPE OF INSPECTION:	CATEGORY-5	NOMINAL WALL THICK:	0.362"	STANDARD:	DS-1 Fifth Edition, Volume 3 / CAT-5			REPORT PAGE NO:	4 to 4

[illegible]

ABBREVIATIONS USED						REPRESENTATIONS		SUMMARY OF DRILL PIPE INSPECTION		CLASSIFICATION OF DRILL PIPE		ONLINE TRACEABILITY
PIN COND = PIN CONDITION		TD = THREAD DAMAGE		PS = PITTED SEAL		INTERNAL PLASTIC COATING (IPC): Overall Coating Loss In Tube Area 1° No loss; minor abrasion, 2° >20%, 3° >20% AND 35% 4° >35%	TOTAL DRILL PIPE INSPECTED	1	PC = PREMIUM CLASS	1		
LP = LIGHT PITCHING		SWO = SEAL WASHOUT		MS = MARNED SEAL		Localized Coating Loss 360° [Internal surface any linear section of length 3 feet in tube area]	DRILL PIPE NEED TO BE RECUT	N/A	C2 = CLASS II	N/A		
S.P = SEVERE PITCHING		PT = PITTED THREAD		W.O.T = WORN OUT THREAD			DRILL PIPE NEED TO BE RECHASE	N/A	C3 = CLASS III	N/A		
PIT I.C = PIPE/TUBE INTERNAL CLEANING		SWO = SEAL WASHOUT		R.B = RE BEVEL			DRILL PIPE NEED TO BE STRAIGHT	N/A	C4 = CLASS IV	N/A		
PIT E.C = PIPE/TUBE EXTERNAL CLEANING		RF = RE FACING		I.D.I.P=D DEEP INTERNAL PITCHING		1° No loss; minor abrasion, 2° >25%, 3° >25% & <50%, 4° >50%	DRILL PIPE JUNK	N/A				
IPC = INTERNAL PLASTIC COATING.		CR = CRACK		N-P=NOSE PITTED		Magnetic Particle Inspection By AC Yoke UPSET OR SLIP AREA PIN, BOX TO MPI 48" FROM BOX AND 36" FROM PIN	DRILL PIPE USEABLE	-				
CSA = CROSS SECTION AREA		BS =BOX SWELL		B.B=BODY BENT								
INSPECTION EQUIPMENT DETAILS						TECHNICAL DETAILS		PERSON DETAIL		REVIEW BY		
EQUIPMENT	SERIAL NUMBER	CAL DUE DATE:	EQUIPMENT	SERIAL NUMBER	CAL DUE DATE:	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE		SENIOR INSPECTOR:	
AC YOKE	201534063	14-Aug-24	GAUSS METER	14001179	14-Aug-24		Magnaflux	220602	JUN,2025		MFHAID	
UT THICK. METER	\$20750	14-Aug-24	LUX METER	2722003	14-Aug-24							
DC COIL	SC22713	14-Aug-24	ULTRASONIC FLAW DETECTOR	8017374	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE		INSPECTION SUPERVISOR:	
BLACK LIGHT	1900084	14-Aug-24	INTENSIFY METER	1608000134	14-Aug-24		Magnaflux	220605	JULY, 2025		WAQAS AWAN	
EMI UNIT	TSE2W05152269	15-Aug-24	PIT GAUGE	97594	14-Aug-24		MANUFACTURE	BATCH NO	EXPIRE DATE		CLIENT:	
UVLIGHT INTENSITY:		2950 µw/cm²				Fluorescent Magnetic Ink 14HF	Magnaflux	220306	MARCH,2025			
14HF Concentration:		0.1 to 0.4 ml/100 ml	7HF Concentration:		1.2 to 1.4 ml/100 ml							
Original - Client Files						Copy - Area Office		QC/FN/DP/070		Rev.00		