BOTTOM HOLE ASSURANCE, INC.

No. DIR 91823ST-13

NDE Inspection Services

Email: BHAInc@bottomholeassurance.com
107 Citron Drive • Youngsville, LA 70592

Office: (337) 857-8994 Fax: (337) 857-8964
Bottomholeassurance.com

CUSTOMER HALLIBURTON ICC ☐ 3RD PARTY
RIG
OCS-G & WELL

FACILITY / LOCATION SERVICE TOOLS
PROJECT ARENA

AUTHORIZED BY DERRICK ROBIN
P.O. / JOB # 908830139

INVOICE NO.
DATE: 9/18/2023

								PIN									BOX									
Serial #	Tool Description	Overall Length	Fishing Neck Length	Tong Space	Pin I.D.	Pin O.D.	Box O.D.	Connection Size	Pin Length	Pin Cylinder Diameter	Pin Nose Diameter	Pin Relief Diameter	Pin Rel. Width Pin Neck Lgth	Bevel Diameter	B S R	OK or Reject	Remarks	Connection Size	Counter Bore Length	Counter Bore Diameter	Bore Back Dia. Float Bore Dia.	Bore Back Lgth Float Bore Lgth	Box Thread Length	Counterbore Wall Thickness	Bevel Diameter	B S R	OK or Reject	Remarks
EQ# 12395030	13 3/8" EZ MSD																											
ABN135892-9	TOP ADAPTER SAP#100073363	1.41	12 3/4	-	2 1/8	-	6 5/8	INT(B)								Acc		NC 50	11/16	5 5/16					6 1/16		Acc	
AFA1239114-9	Releasing Sleeve Cap SAP#100073379							INT								Acc												
ALC1134522-4	SPACER-ACC SAP# 100013773							*								Acc												
ALC1437760-16	UPPER MANDREL SAP# 100073371							INT								Acc		INT									Acc	
AEK1241133 2865421-1	Releasing Sleeve SAP#100073373																	INT INT									Acc	
AFQ1401921-13	DRAG BLOCK HOLDER SAP# 101312701							*								Acc												
B3235595-5	BUSHING SAP#100073370							INT								Acc												
KM1430679-08	Setting Sleeve Body SAP# 100073372							*								Acc												
KM1226730-17	SETTING SLEEVE SAP#100073367							INT								Acc												
C3264437-2	LOWER MANDREL SAP# 102101079							INT								Acc												
3373412-4	STINGER - ACC SAP# 102100463							*								Acc												
AN1369H854 (6)	KEY - ACC SAP# 101351594							*								Acc												

Remarks: FULL BODY INSP AS PER MAN-GL-HAL-HCT-900 REV. 6

Customer Rep Signoff:

Batch # Info.

20-B	23A106
Dry Powder	
7-HF	
White Contrast	
14-A	

Connection Inspection

Wet Flour. M.P.I.	☑	Dry M.P.I.	☐
Vis. Liq. Pen.	☐	Residual	☐
Flour Liq. Pen.	☐	Continuous	☑
Long. Insp.	☑	AC Current	☐
Trans. Insp.	☑	DC Current	☑

Body Inspection

Wet Flour. M.P.I.	☑	Residual	☐
Vis. Liq. Pen.	☐	Continuous	☑
Flour Liq. Pen.	☐	AC Current	☐
Long. Insp.	☑	DC Current	☑
Trans. Insp.	☑	Visible M.P.I.	☐

Body Dry M.P.I

Dry M.P.I.	☐	Residual	☐
Long. Insp.	☐	Continuous	☐
Trans. Insp.	☐	AC Current	☐
		DC Current	☐

Blacklight Inspection

Blacklight Intensity: 3163 Bath Mixture: 0.25 Whitelight: 0.1

Liquid Penetrant Inspection

Magnaflux Developer: SKD-S2
Batch #
Dwell Time: min
White Light:
Magnaflux Penetrant: ☐ SKL-WP2 (Check one) ☐ ZL-60D
Batch #
Dwell Time: min

System Effectiveness: LP-Comparitive Block ☐ Dry MP-Castrol Strip ☐ Wet MP-Castrol Strip ☑ Profile Gage RSC OK ☑

Equipment / Inspector Information

Equipment Used From Unit # 23
Qual. Date(s) MT 4/26/2019 PT 4/26/2019

Job Information

B BT V BT D P BT

3rd Party Rep

Level II Inspector: BRANSON THERIOT

Signature: HB 7807

Signature: Branson Theriot

Signature guarantees final walk thru of job and job site

By david.patin@bottomholeassurance.com at 12:18:25 PM, 9/20/2023

BOTTOM HOLE ASSURANCE, INC.

No. DIR 91823ST-14

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CUSTOMER HALLIBURTON ICC ☐ 3RD PARTY
RIG
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FACILITY / LOCATION SERVICE TOOLS
PROJECT ARENA

AUTHORIZED BY DERRICK ROBIN
P.O. / JOB # 908830139

INVOICE NO.
DATE: 9/18/2023

								PIN									BOX										
Serial #	Tool Description	Overall Length	Fishing Neck Length	Tong Space	Pin I.D.	Pin O.D.	Box O.D.	Connection Size	Pin Length	Pin Cylinder Diameter	Pin Nose Diameter	Pin Relief Diameter	Pin Rel. Width Pin Neck Lgth	Bevel Diameter	B S R	OK or Reject	Remarks	Connection Size	Counter Bore Length	Counter Bore Diameter	Bore Back Dia. Float Bore Dia.	Bore Back Lgth Float Bore Lgth	Box Thread Length	Counterbore Wall Thickness	Bevel Diameter	B S R	OK or Reject	Remarks
EQ# 12395030	13 3/8" EZ MSD																											
B3256536-2	UPPER CASE SAP# 100004406							INT								Acc												
C3245111-2	LOWER CASE SAP#100004405							INT								Acc		INT									Acc	
SO806003-14	SHEILD-ACC SAP# 120021564							*								Acc												
EQ# 12373685	13 3/8" DRAG BLOCK ASSEMBLY																											
G3566689-1	RETAINER RING SAP#102519023																	INT									Acc	
G3566689-5	RETAINER RING SAP#102519023																	INT									Acc	
SO 515013-10	LOWER RETAINER SAP# 102538120																	INT									Acc	
SO 0104013-04	Drag Block Sleeve SAP# 102548579																	INT									Acc	
SO 515013-6	UPPER RETAINER SAP#102537105							INT INT								Acc Acc												
J5803-77,163,252,56, 40,91,237,44	DRAG BLOCK - #76 ACC SAP# 102529491							*								Acc												

Remarks: FULL BODY INSP AS PER MAN-GL-HAL-HCT-900 REV. 6

Customer Rep Signoff:

Batch # Info.

20-B	23A106
Dry Powder	
7-HF	
White Contrast	
14-A	

Connection Inspection

Wet Flour. M.P.I.	☑	Dry M.P.I.	☐
Vis. Liq. Pen.	☐	Residual	☐
Flour Liq. Pen.	☐	Continuous	☑
Long. Insp.	☑	AC Current	☐
Trans. Insp.	☑	DC Current	☑

Body Inspection

Wet Flour. M.P.I.	☑	Residual	☐
Vis. Liq. Pen.	☐	Continuous	☑
Flour Liq. Pen.	☐	AC Current	☐
Long. Insp.	☑	DC Current	☑
Trans. Insp.	☑	Visible M.P.I.	☐

Body Dry M.P.I

Dry M.P.I.	☐	Residual	☐
Long. Insp.	☐	Continuous	☐
Trans. Insp.	☐	AC Current	☐
		DC Current	☐

System Effectiveness: LP-Comparitive Block ☐ Dry MP-Castrol Strip ☐ Wet MP-Castrol Strip ☑ Profile Gage RSC OK ☑

Job Information

B BT V BT D P BT

3rd Party Rep
Signature:

Blacklight Inspection

Blacklight Intensity: 2609 Bath Mixture: 0.25 Whitelight: 0.1

Equipment / Inspector Information

Equipment Used From Unit # 23
Qual. Date(s) MT 4/26/2019 PT 4/26/2019
Level II Inspector: BRANSON THERIOT
Signature:
Signature guarantees final walk thru of job and job site

Liquid Penetrant Inspection

Magnaflux Developer: SKD-S2
Batch #
Dwell Time: min
White Light:
Magnaflux Penetrant: ☐ SKL-WP2
(Check one) ☐ ZL-60D
Batch #
Dwell Time: min

By david.patin@bottomholeassurance.com at 12:18:26 PM, 9/20/2023