



**BOTTOM HOLE ASSURANCE, INC.**

No. IR 43487-2

Blacklight, Ultrasonic Wall Thickness,  
& Liquid Penetrant Inspection

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

Office: (337) 857-8994 Fax: (337) 857-8964

CUSTOMER HOLE OPENER INTERNATIONAL		3rd PARTY <input type="checkbox"/>	FACILITY / LOCATION SHOP	AUTHORIZED BY DONOVAN		INVOICE NO. 43487	
RIG		OCS-G & WELL NO.		PROJECT TITAN TOOLS Stock /OR 103088	P.O. NO. / JOB NO. 103121	DATE 7/22/2021	
SERIAL NO.	DESCRIPTION		PIN	BOX	I.D.	O.D.	LENGTH
1	05-117-012-93	HINGE PIN -OK					
2	05-117-012-98	HINGE PIN -OK					
3	05-117-012-97	HINGE PIN -OK					
4	05-117-012-96	HINGE PIN -OK					
5	05-117-012-95	HINGE PIN -OK					
6	05-117-012-94	HINGE PIN -OK					
7							
8	05-800-010-056	HINGE BLOCK -OK					
9	05-800-010-058	HINGE BLOCK -OK					
10	05-800-010-057	HINGE BLOCK -OK					
11	05-800-010-055	HINGE BLOCK -OK					
12							
13	05-725-012-122	HINGE BLOCK -OK					
14	05-725-012-121	HINGE BLOCK -OK					
15	05-725-012-123	HINGE BLOCK -OK					
16	05-725-012-118	HINGE BLOCK -OK					
17	05-725-012-124	HINGE BLOCK -OK					
18	05-725-012-125	HINGE BLOCK -OK					
19	05-725-012-120	HINGE BLOCK -OK					
20	05-725-012-117	HINGE BLOCK -OK					
21	05-725-012-119	HINGE BLOCK -OK					
22							
23	JTLG-2	(6) JET BUSHING -OK					
24							
25	DTS725	(12) PLUG -OK					
26							
27	JTLG-3	(12) WASHER -OK					
28							
29	JTSM-3	(12) WASHER -OK					
30							
31	JTSM-2	(6) JET NOZZLE BUSHING -OK					
32							
33	JNB-JTLG2S	(9) NOZZLE BUSHING -OK					
34							
35							
36							
37							
38							
39							
40							

SUMMARY: FULL BODY INSP AS PER DS-1 VOL 4 TITAN TOOLS Stock /OR 103088 (OR = ORDER RECEPTION)

Batch # Info.	Connection Inspection		Body Inspection		Body Dry M.P.I	
20-B 20B065	Wet Flour M.P.I. <input type="checkbox"/>	Dry M.P.I. <input type="checkbox"/>	Wet Flour M.P.I. <input checked="" type="checkbox"/>	Residual <input type="checkbox"/>	Dry M.P.I. <input type="checkbox"/>	Residual <input type="checkbox"/>
Dry Powder	Vis. Liq. Pen. <input type="checkbox"/>	Residual <input type="checkbox"/>	Vis. Liq. Pen. <input type="checkbox"/>	Continuous <input checked="" type="checkbox"/>	Long Insp <input type="checkbox"/>	Continuous <input type="checkbox"/>
7-HF	Flour Liq. Pen. <input type="checkbox"/>	Continuous <input type="checkbox"/>	Flour Liq. Pen. <input type="checkbox"/>	AC Current <input type="checkbox"/>	Trans Insp <input type="checkbox"/>	AC Current <input type="checkbox"/>
White Contrast	Long. Insp. <input type="checkbox"/>	AC Current <input type="checkbox"/>	Long. Insp. <input checked="" type="checkbox"/>	DC Current <input checked="" type="checkbox"/>		DC Current <input type="checkbox"/>
14-A	Trans. Insp. <input type="checkbox"/>	DC Current <input type="checkbox"/>	Trans. Insp. <input checked="" type="checkbox"/>	Visible M.P.I. <input type="checkbox"/>		
System Effectiveness:	LP-Comparative Block <input type="checkbox"/>	Dry MP-Castrol Strip <input type="checkbox"/>	Wet MP-Castrol Strip <input checked="" type="checkbox"/>			
Blacklight Inspection			Equipment / Inspector Information			
Blacklight Intensity: 4000	Bath Mixture: 0.25	White-light: 0.1	Equipment Used From Unit # 11			
Liquid Penetrant Inspection			Qual. Date(s) MT 2/1/2021	PT		
White-light: _____			3rd Party Rep: _____			
Magnaflux Developer: SKD-S2	Magnaflux Penetrant: (Check one) <input type="checkbox"/> SKL-WP2 <input type="checkbox"/> ZL-60D	Signature: _____				
Batch # _____	Batch # _____	Level II Inspector: LEVAR EAGLIN				
Dwell Time: _____ min	Dwell Time: _____ min	Signature: <b>LE</b>				
Job Information			Signature guarantees final walk thru of job and job site			
B LE V LE D P LE	Customer Rep Signoff: _____					