



MAGNETIC PARTICLE REPORT

CLIENT INFO

CUSTOMER / CLIENT:	OTG Oilfield Equipment LTD	CLIENT JOB NO.:		REPORT NO. :	MSC-220609-1
CONTRACTOR:		CLIENT CODING:	PO# 00255	PAGE:	1 OF 1
PROJECT:	MPI on Firetube from A0438872			DATE:	June.9/ 2022
LOCATION / LSD:	OTG Shop Red Deer/ Burnt Lake Industrial			TECHNICIAN:	Steve Cormack
CODE / CLIENT SPEC:	ASME VIII Div. 1 App. 6 / ASME V Art. 7 (2021)/ B31.3 Par. 344.3.2 (2018)	APPROVER:	Wendell Stenvig	ASSISTANT:	

METHOD

ECHO PROCEDURE:	RCSS-NDT-MT-003 REVISION 01	ECHO TECHNIQUE:	Wet Visible (Yoke Prod Spacing: 2"- 6")
SURFACE CONDITION:	Welded, Clean Base Metal	MATERIAL:	Carbon Steel
YOKE SERIAL NO:	30756	POWER SOURCE:	AC, Continuous, 120V
MEDIUM MANUFACTURER, TYPE:	Magnaflux 7HF (ave. 1 µ) / WCP-2	MEDIUM APPLICATION METHOD:	Spray; excess particle removed via exhalation &/or flow
BLACKLIGHT SERIAL NO:	41086	CAL. DATE:	Jan.13/ 2022
MINIMUM LIGHT INTENSITY:	Visible ≥100 fc (Verified Pre-Inspection, as power changed/interrupted and Post Inspection). Lighting Equipment: natural or supplemental white light that meets or exceeds the 100 fc (1076 Lx)	W.L. METER SN:	DLM-17
		CAL. DATE:	Jan.13/ 2022

EXAMINATION & TEST RESULTS

Scope: A black on white magnetic particle inspection was performed on the fire tube pulled from A0438872, as requested by the client. All pressure retaining welds and attachment welds were inspected.



Results: All welds were free of indications at the time of the inspections. All inspected welds are acceptable to the code listed above.

QUANTITIES

REGULAR TIME:		FILM:	
OVERTIME:		CONSUMABLES:	
SHIFT PREMIUM:		EQUIPMENT:	
KILOMETERS:		EXPENSES:	See FSC-220609-1 for charges.
SUBSISTENCE:		MISCELLANEOUS:	

STEVEN CORMACK

CGSB # 17507 UTI/ MTII/ SNT-TC-1A
AB IPVPP # 001379, SK PEI Class 2 # 82828, API 510 # 101283

CLIENT APPROVAL: