



Magnetic Particle Examination Report

Asset Tracker Report Number - 20230043

TREATER

612550

14-12-075-03W6

2023-08-24



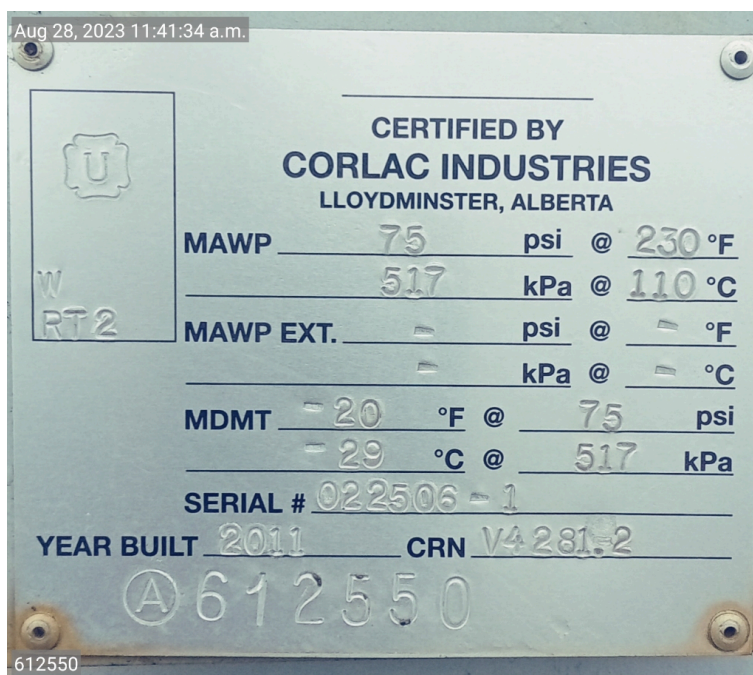
In Service Inspector Doug Gohmann

Magnetic Particle Examination Completed By: GLENN ALLEN - 9738 - MT LVL 2

LOCATION DETAILS			
Client	LONG RUN EXPLORATION	Surface Location	14-12-075-03W6
Project Number		UWI	N/A
District	NORTHERN - AB	Train / Skid / Package	PKG59750
Field	KAKUT PLANT		



STATIC / NAMEPLATE INFORMATION							
Equipment name/description		TREATER					
Owner Identification Number		612550	Alberta Designation Number		A0612550		
Sask. Designation Number		N/A	BC PV Designation number		N/A		
National Board Number		N/A	Canadian Reg. Number		V4281.2		
Manufacturer Serial Number		022506-1	Drawing Number		-		
Manufacturer		CORLAC	Build date	Install date	2011	2012	
MAWP		75	MAWT		230		
MDMT	-20.0	C.A.	PWHT	No	RT	RT2	



**Scope of Work:**

A black on white magnetic particle examination was conducted on the firetube welds as requested by client. Welds examined are typically the return bend mitre and tubesheet attachment welds. See below for additional information and images.

**Equipment Used:**

Ardrox 8032 Particle Batch #	65083122	Lighting	SABRELIGHT > 1000 LUX
Ardrox 8901W Paint Batch #	65050322	Test Type	AT 10 lb lift test block
Lift tested August 24, 2023.			

**Examination Details**

Code	ASME VIII DIV 1 APP 6	Specification	ASME 5 ART 7
Technique	AT-NDE-P-MT01	Method	BLACK ON WHITE
Surface Condition	Abrasive blast	Surface temperature	+15 C

**Results:**

Areas Identified in the images below showed no linear or other rejectable indications. Examination locations were acceptable to the referenced code and deemed to be crack free at the time of the examination.

See images below for detailed examination points

**Examination Images**

MT-1 to MT-3





MT- 4 to MT-5





MT-6 to MT-7



MT-8 to MT-10



MT-

Examining Technician	GLENN ALLEN	CGSB#	9738
Examination date	2023-08-24	Level	MT LVL 2
Technician signature			
Chief Inspector	Doug Gohmann		
Review date	2023-09-01		