

MAGNETIC PARTICLE TESTING REPORT - 275785

CLIENT: **VOLANT OIL TOOLS INC.**
4110-56 AVENUE
Edmonton, Alberta T6B 3R8

DATE: **February 20, 2020**
INVOICE #:
JOB #: **3SR0801**
P.O. #: **3P08570**

EQUIPMENT OWNER: **VOLANT OIL TOOLS FIELD SERVICES**
LOCATION: **VOLANT OIL TOOLS INC.**

RIG: **PATHMAKER**

TECHNIQUE DETAILS

PROCEDURE #: **MTP-01 REV 5**
TEST METHOD: **ASTM E709 (2015)**
ACCEPTANCE STANDARD: **API 8C (5TH ED) (2014) 8.4.7.2 / 8.4.7.3 & 8.4.7.4 / VOLANT SPEC.40068 REV.A**

EQUIPMENT

Manufacturer: PARKER CONTOUR PROBE	Type: B310	Serial #: 8901
Last Calibration: Feb-20-2020	Calibration Due: Feb-21-2020	
Manufacturer: REL	Type: C4-NOMAD	Serial #: 18052202
Last Calibration: Feb-20-2020	Calibration Due: Feb-21-2020	
Manufacturer: WI	Type: W-PT	Serial #: 1029
Last Calibration: Sep-01-2015	Calibration Due: Sep-01-2025	
Manufacturer: MAGNAFLUX	Type: UV LIGHT METER	Serial #: 120382
Last Calibration: Jun-18-2019	Calibration Due: Jun-18-2020	
Manufacturer: WI	Type: COIL	Serial #: C2655
Last Calibration: Feb-20-2020	Calibration Due: Feb-21-2020	

MAGNETIZING METHOD: AC DC Continuous Residual Yoke Coil
MAGNETIC PARTICLES: Wet Fluorescent Non-Fluorescent
 Dry Color: **FLUORESCENT GREEN**

Manufacturer: **SERM** Type: **FLUXO 14AM** Batch/Lot #: **34ER34H**
LIGHT SOURCE: Halogen 250W Incandescent 100W Maglite 6 Volt Serial: **RC666**
SURFACE CONDITION: Bare Metal Ground Machined Blasted Painted Welded Loose Scale Removed
MATERIAL TYPE: **CS** MATERIAL THICKNESS: **VARIOUS** SURFACE TEMP: **23.0°C**

ITEMS TESTED

WET FLUORESCENT MAGNETIC PARTICLE TESTING WAS PERFORMED ON THE FOLLOWING PHOSPHATE COATED ITEMS:

CRTi 7" MANDREL *POST PULL*****

PART NAME	SERIAL #	Accept	Reject
MANDREL	82306-03-4501A01-03	✓	

TEST RESULTS & COMMENTS

NO RELEVANT INDICATIONS WERE DETECTED AT TIME OF TESTING.

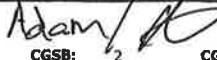
BLACK LIGHT INTENSITY AT INSPECTION SURFACE WAS GREATER THAN 1200 MICRO WATTS.
THICKNESS READINGS WERE TAKEN OFF NECK AREA: 1.249 / 1.248 / 1.250 / 1.251 / 1.248

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SIGNATURES

* Client representative's signature indicates acceptance of the reports and results. Nortech Advanced NDT Ltd. is liable for examination costs only.

CLIENT REPRESENTATIVE* (PRINT/SIGN) PAUL /
Technician (PRINT) Ryan Cherwoniak

CGSB:  2

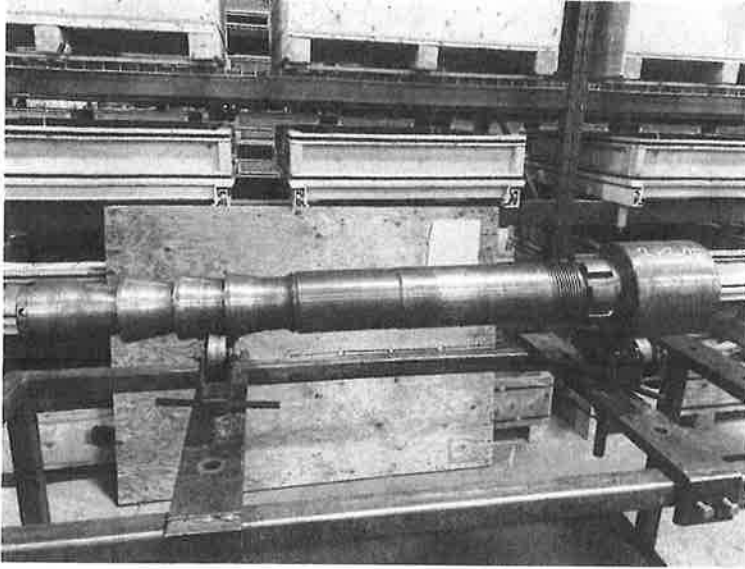
CGSB REG#: 13189 SNT-TC-1A: II

Technician (SIGN)



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MANDREL



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Technician (PRINT) Ryan Cherwoniak

Adam / [Signature]
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Technician (SIGN)

[Signature]