



Alpine NDT Services Inc.

Report #: 608-2

Item Examined: Separator

Client: Enlyn Process Systems

Branch: Red Deer

Location: Enlyn Shop

Client Rep: Mark

Serial #: A# 474462

Inspection Date: 11/29/2013

PO #:

WO #:

Reference #:

TESTING EQUIPMENT

UT Machine

Make: GE Inspection Technologies

Model: USM Go

Serial #: 11105089

Calibration Date: 11/13/2013

Transducer

Make: Stresstel

Serial #: 023PX8

Frequency: 5 MHz

Size: .250"

Angle: 0°

Mode: Longitudinal

Calibration Block

Type: 4 Step Block

Serial #: 10-1932

Reflector: BWE

Thickness: 6.25mm-25mm

Code: ASME V Article 23 SE797

Acceptance Criteria: Client Specification

Temperature: Ambient

Material: Carbon Steel

Surface Prep: Painted

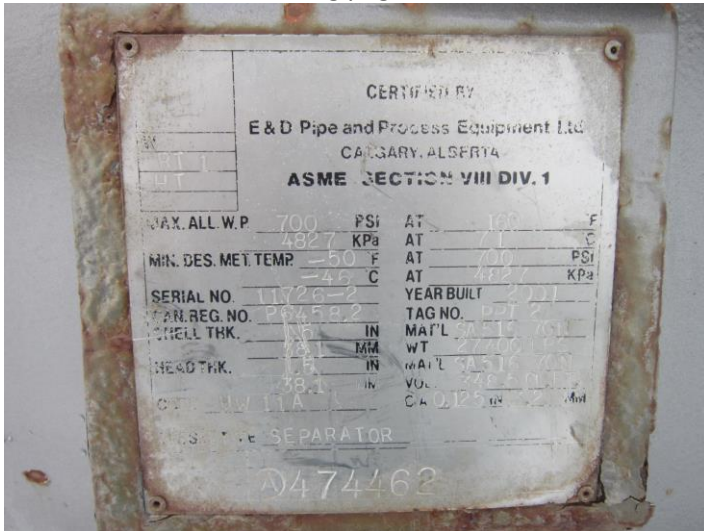
Procedure: UT-1 Thickness Testing

EXAMINATION RESULTS:

Examination was conducted on the separator for thickness as requested.

Examination was conducted through a painted coating approximately .005" thick.

Please refer to the following pages for results.



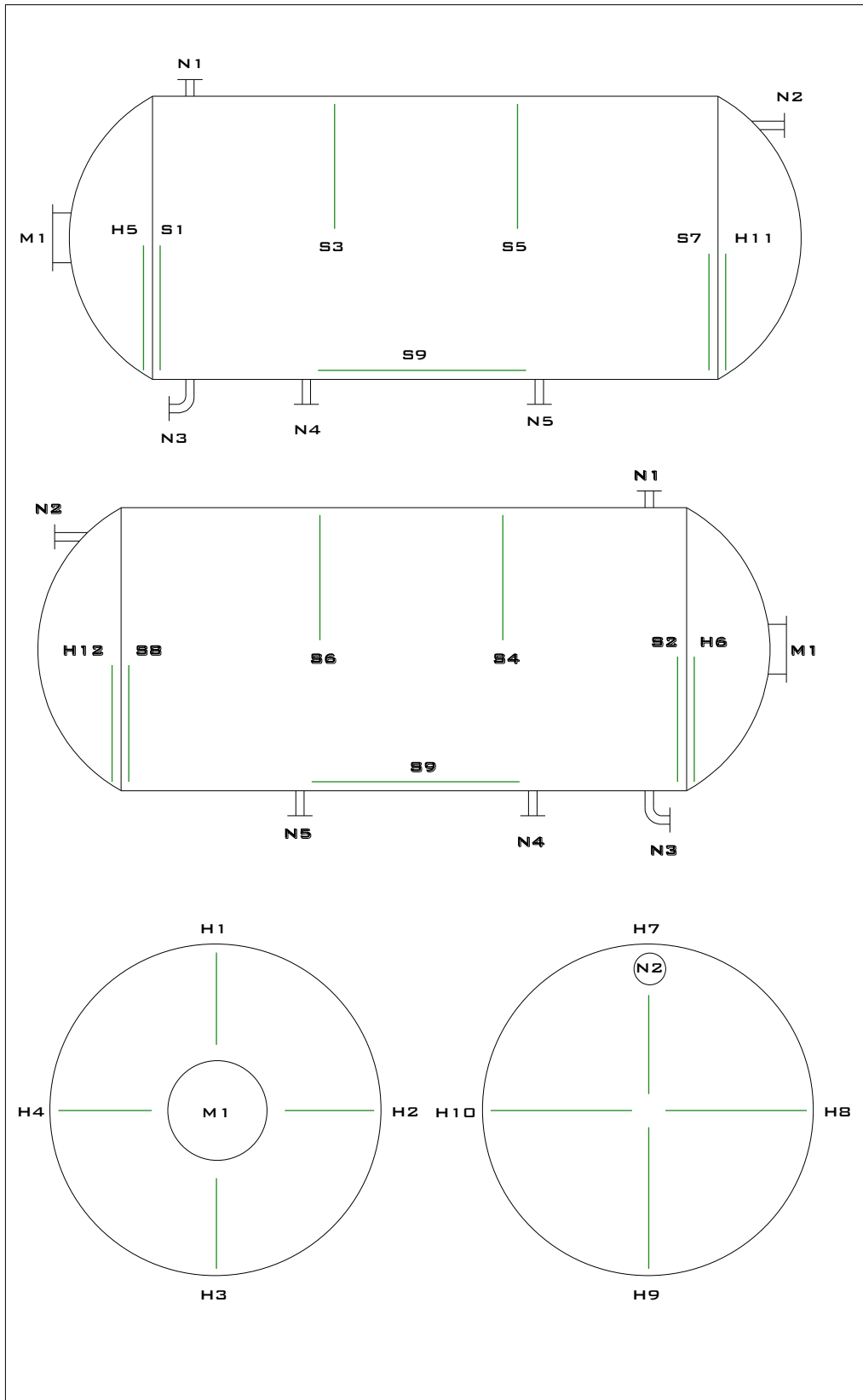
Technician: TIM ROSENKRANZ

Signature:

Assistant:

Qualifications: CGSB/SNT - UT2 MT2 PT2(Cert#10634)

API-510, ABSA - ISPMI





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Location	Size	Sch.	Nom.	Min.	Component	Min.	Avg.
H1	72"	Plate	1.500"	1.500"	Head	1.615"	1.650"
H2	72"	Plate	1.500"	1.500"	Head	1.608"	1.650"
H3	72"	Plate	1.500"	1.500"	Head	1.606"	1.650"
H4	72"	Plate	1.500"	1.500"	Head	1.630"	1.650"
H5	72"	Plate	1.500"	1.500"	Head	1.576"	1.625"
H6	72"	Plate	1.500"	1.500"	Head	1.582"	1.650"
H7	72"	Plate	1.500"	1.500"	Head	1.562"	1.625"
H8	72"	Plate	1.500"	1.500"	Head	1.603"	1.630"
H9	72"	Plate	1.500"	1.500"	Head	1.576"	1.630"
H10	72"	Plate	1.500"	1.500"	Head	1.602"	1.630"
H11	72"	Plate	1.500"	1.500"	Head	1.568"	1.650"
H12	72"	Plate	1.500"	1.500"	Head	1.622"	1.675"
S1	72"	Plate	1.500"	1.490"	Shell	1.512"	1.535"
S2	72"	Plate	1.500"	1.490"	Shell	1.498"	1.530"
S3	72"	Plate	1.500"	1.490"	Shell	1.526"	1.535"
S4	72"	Plate	1.500"	1.490"	Shell	1.524"	1.530"
S5	72"	Plate	1.500"	1.490"	Shell	1.528"	1.540"
S6	72"	Plate	1.500"	1.490"	Shell	1.527"	1.535"
S7	72"	Plate	1.500"	1.490"	Shell	1.522"	1.535"
S8	72"	Plate	1.500"	1.490"	Shell	1.508"	1.530"
S9	72"	Plate	1.500"	1.490"	Shell	1.510"	1.525"
N1	4"	120	.438"	.383"	Pipe (Nozzle)	.487"	.500"
N2	4"	120	.438"	.383"	Pipe (Nozzle)	.435"	.450"
N3	3"	160	.438"	.383"	Elbow (Nozzle)	.452"	.470"
N4	3"	160	.438"	.383"	Elbow (Nozzle)	.402"	.425"
N5	3"	160	.438"	.383"	Elbow (Nozzle)	.421"	.435"
M1	18"	80	.937"	.820"	Pipe (Nozzle)	1.002"	1.020"