



Alpine NDT Services Inc.

Report #: 1123-2
 Item Examined: Flash Tank
 Client: Aspire Energy Resources
 Branch: Red Deer
 Location: Aspire Shop
 Client Rep: Jenn Clarkson

Serial #: 88C-4013-05A
 Inspection Date: 11/20/2014
 PO #: 20666
 WO #:
 Reference #: B1488

TESTING EQUIPMENT

UT Machine

Make: GE Inspection Technologies Model: USM Go Serial #: 13016019 Calibration Date: 3/5/2014

Transducer

Make: Stresstel Serial #: 13J00TH7 Frequency: 5 MHz Size: .250" Angle: 0° Mode: Longitudinal

Calibration Block

Type: 4 Step Block Serial #: 12-4685 Reflector: BWE Thickness: .250" - 1.000"

Code: ASME VIII Appendix 12

Acceptance Criteria: Client Specification

Temperature: Ambient

Material: Carbon Steel

Surface Prep: Bare Metal

Procedure: UT-1 Thickness Testing

EXAMINATION RESULTS:

Examination was conducted on the 24" flash tank for thickness as requested. Thickness measurements include the paint thickness of approximately .005" thick.

Results:

A# - 245494 CRN# - K0161.2



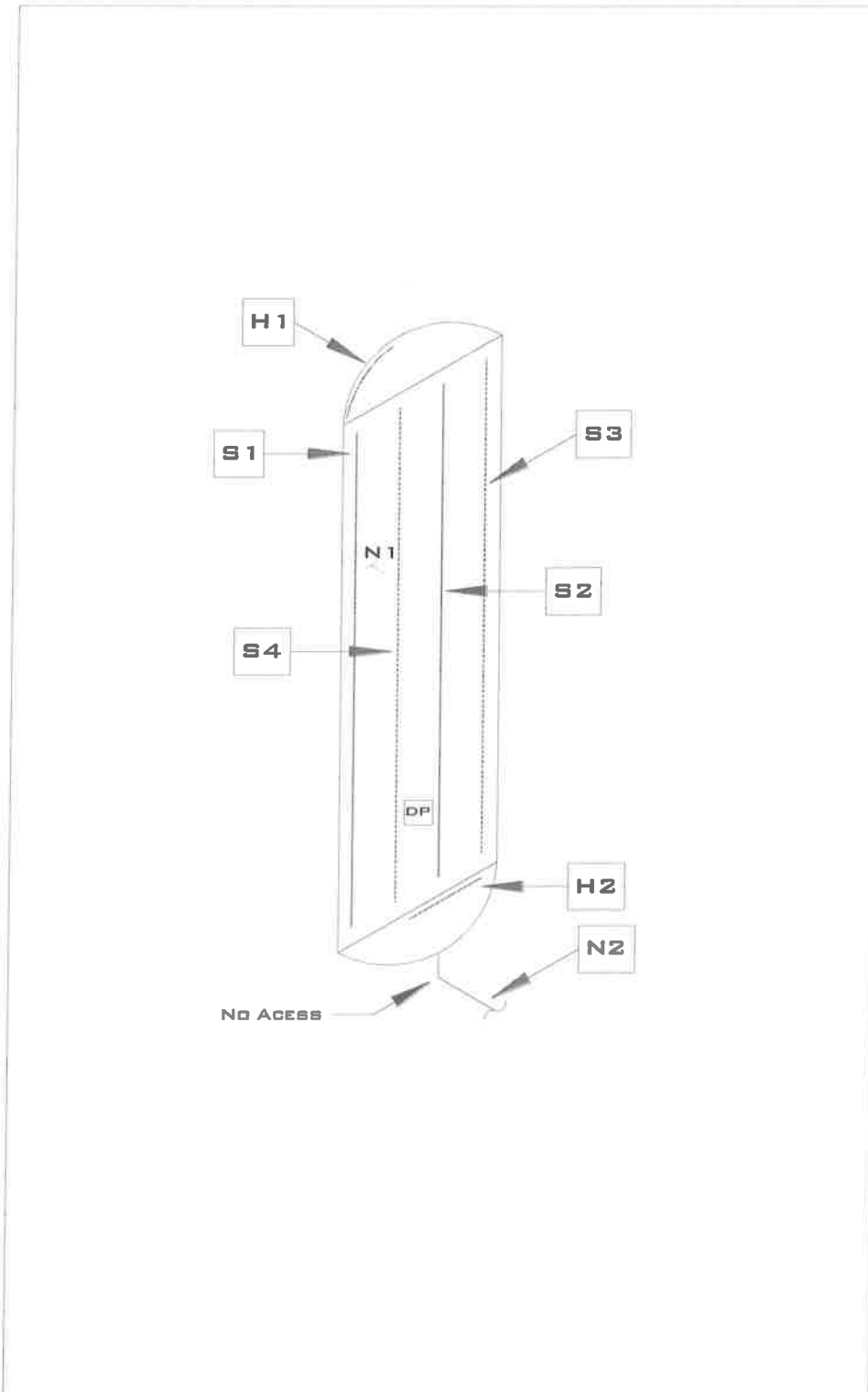
Technician: Mitch O'Meara

Signature: *Mitch O'Meara*

Qualifications: CGSB - MT2

Assistant:

SNT - UT1





Alpine NDT Services Inc.

Report #: 1123-2

Serial #: 88C-4013-05A

A# 245494	Item: Vessel & Nozzles					Date: Nov. 20, 2014	
Location	Size	Sch.	Nom.	Min.	Component	Min.	Avg.
* H1	24"	Plate		0.361"	Head Scan	0.379"	0.390"
H2	24"	Plate		0.361"	Head Scan	0.382"	0.395"
S1	24"	Plate	0.375"	0.365"	Shell Scan	0.381"	0.395"
S2	24"	Plate	0.375"	0.365"	Shell Scan	0.380"	0.395"
* S3	24"	Plate	0.375"	0.365"	Shell Scan	0.378"	0.395"
S4	24"	Plate	0.375"	0.365"	Shell Scan	0.382"	0.395"
N1	3"	XS	0.300"	0.263"	Nozzle	0.298"	0.320"
N2	1"	160	0.250"	0.219"	Nozzle (Pipe)	0.251"	0.275"