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Dispatch: 780.539.0000 11233 91 ave Grande Prairie, AB Admin Ph: 780.832.0561

Ultrasonic Thickness Report

Reference #

42882

Client: Fueled Energy Marketing

Location: Ovintiv Bone Yard Date:

8/Mar/24

UT-3, Rev. 1 Tech. 1

Other:

Job #: FKO-A003

PO / AFE #: Req #:

Kyle Gawryluk Cert. # 12418 Technician 1 Name:

Certification: Certification:

Technician 2 Name: Acceptance Code:

Info Only

Procedure, Rev., Tech #:

CGSB/SNT-TC-1A Level 1

Instrument Model: Epoch 650

Transducer: Pamtr 5.0MHz 0 deg.

Serial #: 1363431

Cable Type:

BNC to microdot

Serial #: 3

Length: 0.5 m

Serial#: 170436707

Cal. Block: .100"-.500" Step Block

Surface Condition: Painted Material: Carbon Steel

Ref. DB: Autogain

Type of Scanning: Manual

Couplant: UTX

Job Scope: To perform ultrasonic thickness measurements on 42"od flare knock out drum. (Assumed Nominals)

Area Description	Location	Diameter (Inches)	Nominal Thickness (Inches)	Corrosion Allowance (Inches)	Flag Thickness (Inches)	Minimum Thickness (Inches)	Average Thickness (Inches)	Comments
Circ Band	360 Degrees	4"	0.337"	NS		0.320"	0.325"	
Vertical Band	Lower Head	42"	0.375"	NS		0.259"	0.275"	Minor Corrosion Throughout
Vertical Band	Lower Shell	42"	0.375"	NS		0.340"	0.365"	
Vertical Band	Mid Shell	42"	0.375"	NS		0.341"	0.365"	
Vertical Band	Upper Shell	42"	0.375"	NS		0.340"	0.365"	
Horizontal Band	Bottom Shell	42"	0.375"	NS		0.320"	0.365"	Minor Corrosion Throughout
Horizontal Band	Bottom Shell	42"	0.375"	NS		0.317"	0.365"	Minor Corrosion Throughout
Vertical Band	Lower Head	42"	0.375"	NS		0.255"	0.275"	Minor Corrosion Throughout
Circ Band	360 Degrees	4"	0.337"	NS		0.318"	0.325"	
Circ Band	360 Degrees	3"	0.300"	NS		0.295"	0.310"	
90 Elbow	Along Apex	2"	0.218"	NS		0.218"	0.225"	
	Circ Band Vertical Band Vertical Band Vertical Band Vertical Band Horizontal Band Horizontal Band Circ Band Circ Band	Circ Band 360 Degrees Vertical Band Lower Head Vertical Band Lower Shell Vertical Band Mid Shell Vertical Band Upper Shell Horizontal Band Bottom Shell Horizontal Band Bottom Shell Vertical Band Lower Head Circ Band 360 Degrees Circ Band 360 Degrees	Area Description Location (Inches) Circ Band 360 Degrees 4" Vertical Band Lower Head 42" Vertical Band Lower Shell 42" Vertical Band Mid Shell 42" Vertical Band Upper Shell 42" Horizontal Band Bottom Shell 42" Horizontal Band Bottom Shell 42" Vertical Band Lower Head 42" Circ Band 360 Degrees 4" Circ Band 360 Degrees 3"	Area Description Location Diameter (Inches) (Inches) (Inches) Thickness (Inches) (Inches) Circ Band 360 Degrees 4" 0.337" Vertical Band Lower Head 42" 0.375" Vertical Band Lower Shell 42" 0.375" Vertical Band Mid Shell 42" 0.375" Vertical Band Upper Shell 42" 0.375" Horizontal Band Bottom Shell 42" 0.375" Horizontal Band Bottom Shell 42" 0.375" Vertical Band Lower Head 42" 0.375" Circ Band 360 Degrees 4" 0.337" Circ Band 360 Degrees 3" 0.300"	Area Description Location Diameter (Inches) Thickness (Inches) Allowance (Inches) Circ Band 360 Degrees 4" 0.337" NS Vertical Band Lower Head 42" 0.375" NS Vertical Band Lower Shell 42" 0.375" NS Vertical Band Mid Shell 42" 0.375" NS Vertical Band Upper Shell 42" 0.375" NS Horizontal Band Bottom Shell 42" 0.375" NS Vertical Band Lower Head 42" 0.375" NS Vertical Band Lower Head 42" 0.375" NS Circ Band 360 Degrees 4" 0.337" NS Circ Band 360 Degrees 3" 0.300" NS	Area Description Location Diameter (Inches) (Inches) (Inches) Allowance (Inches) (Inches) (Inches) Flag Thickness (Inches) (Inches) Circ Band 360 Degrees 4" 0.337" NS Vertical Band Lower Head 42" 0.375" NS Vertical Band Lower Shell 42" 0.375" NS Vertical Band Mid Shell 42" 0.375" NS Vertical Band Upper Shell 42" 0.375" NS Horizontal Band Bottom Shell 42" 0.375" NS Horizontal Band Bottom Shell 42" 0.375" NS Vertical Band Lower Head 42" 0.375" NS Circ Band 360 Degrees 4" 0.337" NS Circ Band 360 Degrees 4" 0.337" NS	Area Description Location Diameter (Inches) (Inches) (Inches) Thickness (Inches) (Inches) (Inches) Thickness (Inches) (Inches) Circ Band 360 Degrees 4" 0.337" NS 0.320" Vertical Band Lower Head 42" 0.375" NS 0.259" Vertical Band Lower Shell 42" 0.375" NS 0.340" Vertical Band Mid Shell 42" 0.375" NS 0.341" Vertical Band Upper Shell 42" 0.375" NS 0.340" Horizontal Band Bottom Shell 42" 0.375" NS 0.320" Horizontal Band Bottom Shell 42" 0.375" NS 0.317" Vertical Band Lower Head 42" 0.375" NS 0.317" Vertical Band Lower Head 42" 0.375" NS 0.255" Circ Band 360 Degrees 4" 0.337" NS 0.318"	Area Description Location Diameter (Inches) (Inches) (Inches) Allowance (Inches) (Inches) (Inches) Flag Thickness (Inches) (Inches) (Inches) Thickness (Inches) (Inches) Circ Band 360 Degrees 4" 0.337" NS 0.320" 0.325" Vertical Band Lower Head 42" 0.375" NS 0.259" 0.275" Vertical Band Lower Shell 42" 0.375" NS 0.340" 0.365" Vertical Band Upper Shell 42" 0.375" NS 0.340" 0.365" Horizontal Band Bottom Shell 42" 0.375" NS 0.320" 0.365" Horizontal Band Bottom Shell 42" 0.375" NS 0.317" 0.365" Vertical Band Bottom Shell 42" 0.375" NS 0.317" 0.365" Vertical Band Lower Head 42" 0.375" NS 0.317" 0.365" Vertical Band Lower Head 42" 0.375" NS 0.318" 0.255" 0.275"

Technician signature:

Level 3 Signoff: Joel Norman

^{*}This External Vessel and skid are in good to excellent condition with no visual signs of wear or damage at the time of inspection. Limited Inspection access to the 6' o clock position of the drum was encountered due to the shack and secondary containment configuration.

8/Mar/24



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Drawings/Images Report

Reference #

42882

FKO-A003

Job #:

Req. #:

Fueled Energy Marketing Client:

Ovintiv Bone Yard

Tech 1 Name: Kyle Gawryluk Cert. # 12418

Tech 2 Name:

Location:

Acceptance Code: Info Only

JOB SCOPE:

PO/AFE #: Certification: CGSB/SNT-TC-1A Level 2

Date:

Certification:

Report Reference:

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

IMAGE REFERENCE





40 Reference Drawing

Sr. Technician Signature:

QC Signature:



Dispatch: 780.539.0000 11233 91 Ave Grande Prairie, AB Admin Ph: 780.832.0561

Drawings/Images Report

Reference #

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Fueled Energy Marketing Client:

Ovintiv Bone Yard

Kyle Gawryluk Cert. # 12418

Tech 1 Name: Tech 2 Name:

Acceptance Code:

JOB SCOPE:

Location:

Info Only

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

8/Mar/24

Job #: FKO-A003

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Certification: CGSB/SNT-TC-1A Level 2

Date: PO/AFE #:

Certification:

Report Reference:

IMAGE REFERENCE







Overview

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8/Mar/24

CGSB/SNT-TC-1A Level 2

Date: PO/AFE #:



Dispatch: 780.539.0000 11233 91 Ave Grande Prairie, AB Admin Ph: 780.832.0561 **Drawings/Images Report**

Reference #

42882

FKO-A003

Job #:

Req. #:

Fueled Energy Marketing Client:

Ovintiv Bone Yard

Kyle Gawryluk Cert. # 12418

Tech 1 Name:

Acceptance Code:

Location:

Tech 2 Name:

Info Only

JOB SCOPE:

Report Reference:

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

IMAGE REFERENCE

Certification:

Certification:







QC Signature:

8/Mar/24



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Drawings/Images Report

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Location: Ovintiv Bone Yard

Kyle Gawryluk Cert. # 12418 Tech 1 Name:

Tech 2 Name:

JOB SCOPE:

Acceptance Code: Info Only

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Certification: CGSB/SNT-TC-1A Level 2

Date: PO/AFE #:

Certification:

IMAGE REFERENCE



Grounding



Access

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8/Mar/24

CGSB/SNT-TC-1A Level 2

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Job #:

Req. #:

Fueled Energy Marketing Client:

Location: Ovintiv Bone Yard

Tech 1 Name: Kyle Gawryluk Cert. # 12418

Tech 2 Name:

JOB SCOPE:

Acceptance Code:

Info Only

Report Reference:

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

IMAGE REFERENCE

Certification:

Certification:



Limited Access



Limited Access

8/Mar/24

CGSB/SNT-TC-1A Level 2

Date: PO/AFE #:



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Job #:

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Location: Ovintiv Bone Yard

Kyle Gawryluk Cert. # 12418 Tech 1 Name:

Tech 2 Name:

JOB SCOPE:

Acceptance Code: Info Only

Report Reference:

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

IMAGE REFERENCE

Certification:

Certification:







Psv

8/Mar/24



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Drawings/Images Report

Req. #:

Reference #

42882

Job #: FKO-A003

Fueled Energy Marketing Client:

Ovintiv Bone Yard

Kyle Gawryluk Cert. # 12418

Tech 2 Name:

Location:

Tech 1 Name:

JOB SCOPE:

Acceptance Code: Info Only

To perform ultrasonic thickness measurements on 42"od flare knock out drum.

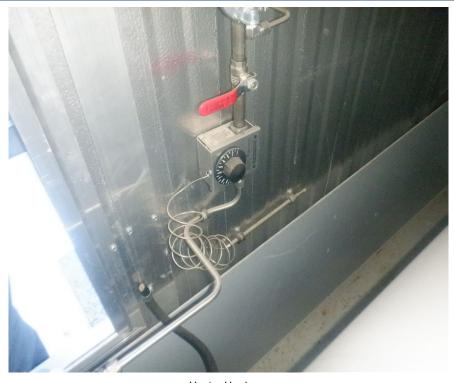
Certification: CGSB/SNT-TC-1A Level 2

Date: PO/AFE #:

Certification:

Report Reference:

IMAGE REFERENCE



Heater Hardware