

Alpine NDT Services Inc.

Client >	FUELLED	A# >	495835	Head Mat. >	SA516-70N	OD >	72"		
Report# >	5361-4	Ser. # >	12895	Head Th. >	.313"	Year >	2003		
Work Order# >	-	CRN# >	R0268.2	Shell Mat. >	SA516-70N	PWHT >	No		
Equipment >	KNOCKOUT TANK	MAWP >	50 PSI	Shell Th. >	.375"	RT >	RT-1		
Manufacturer >	BILTON	Temp >	100 F	Cor. Allow.>	.125"	Cap. >	-		



				VESSEL EXTERI	OR						
Component	Disposition	Comments									
Shell	Good	Clean Surface	lean Surface, No Superficial Specs Of Rust, No Pitting								
Heads	Good	Clean Surface	e, No Rust,	No Pitting (Limited Vi	sual Access)						
Coating	N/A	None									
Insulation	Good	No Tears, Sm	all Dents (Assumed to be from h	ail)						
Manway	Good	Clean Surface	e, No Rust,	No Pitting							
Nozzles	Good	Clean Surface	e, No Rust,	No Pitting							
				VESSEL INTERIO	DR.						
Component	Disposition	Comments									
Shell	Good	Generally cle	an								
Heads	Good	Generally cle	an								
Coating	Good	No visual chi	o visual chipping. (Sludge inhibits partial surface view)								
Scale	Good	No scale, mir	No scale, minor sludge like substance on some of the surfaces.								
Attachments	Good		ntact, no visual deficiencys.								
Nozzles	Good	Head and sho	ead and shoulders inspection through manway. Very limited ability to see down / into nozzles.								
			E	KTERNAL INSPEC	TION						
Component	Disposition	Comments									
Grounding	N/A	Vessel Discor	essel Disconnected								
Ladders	N/A	None presen	t.								
Foundation	N/A	Vessel Discor	nnected								
Supports/Bolting	Good	Good									
Leaks/Seeps	N/A	Vessel Discor	nnected								
Press. Gauge	N/A	Range:	lange: - Operating Pressure: -								
Temp. Gauge	Good	Range:	-40 to 120 F	Operating Temp:	-	Out Of Service					
				PIPING							
Component	Disposition	Comments									
Bolting	Good		All Okay (limited piping attached due to vessel being disconnected)								
External Cond.	Good	Clean Surface	Clean Surface, No Rust, No Pitting (Limited piping attached due to vessel being disconnected)								
Insulation	N/A	None presen	t.								

Okay

Okay

None present.

Good

Good

N/A

Valves

Supports

Auto Shutoffs



Alpine NOTServices Inc.

SERVICES	INC.								
Client >	FUELED		A# >	495835		SA-516-70N	OD >	72"	
Report# >	5361-4		Ser. # >	12894	Head Th. >	O.313"	Year >	2003	
Work Order# >	-		CRN# >	R0268.2		SA-516-70N	PWHT >	No	
Equipment >	KNOCKOUT T	ANK	MAWP >	50 PSI	Shell Th. >	.375"	RT >	RT-1	
Manufacturer >	BILTON		Temp >	100 F	Cor. Allow.>	.125"	NB# >	-	
SAFETY DEVICES									
Component	Disposition	Comments							
Fusible Links	N/A	N/A							
Emergency Shutoff	N/A	N/A							
Excess Flow	N/A	N/A							
PRV Location	N/A	N/A							
Barriers	N/A	N/A							
			PRE	SSURE RELIE	F DEVICES				
		Comments							
Quantity	N/A	N/A							
Serial #'s	N/A	N/A							
Model #'s	N/A	N/A							
Manufacturer	N/A	N/A							
Set Pressure	N/A	N/A							
Capacity	N/A	N/A							
Size	N/A	N/A							
Service Date	N/A	N/A							
Service Company	N/A	N/A							
Service Tag#	N/A	N/A							

API Inspector: Caeden Aris Certification #

Tutor Over Signature:

Company: Alpine NDT Services

Date: Oct. 24, 25



Alpine NDT Services Inc.

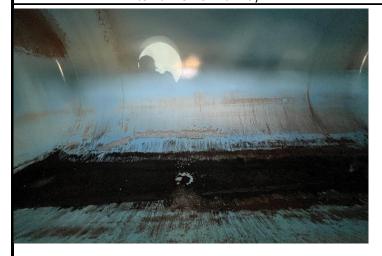
Client >	FUELLED	A# >	495835	Head Mat. >	SA516-70N	OD >	72"
Report# >	5361-4	Ser. # >	12895	Head Th. >	.313"	Year >	2003
Work Order# >	-	CRN# >	R0268.2	Shell Mat. >	5A516-70N	PWHT >	No
Equipment >	KNOCKOUT TANK	MAWP >	50 PSI	Shell Th. >	.375"	RT >	RT-1
Manufacturer >	BILTON	Temp >	100 F	Cor. Allow.>	.125"	Cap. >	-





Internal view of manway.

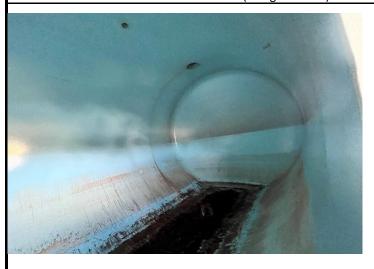
Internal view of head and shell surface. (Sludge on shell & upper head)

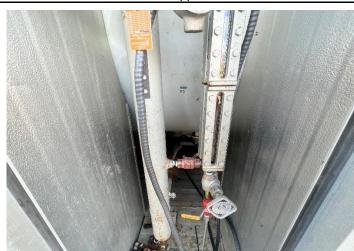




Internal view of lower shell surface. (Sludge residue)

Internal view of upper shell.





Internal view of head and shell surface (sludge residue).

External lower shell view from cabinet.



Alpine NDT Services Inc.

Client >	FUELLED	A# >	495835	Head Mat. >	SA-516-70N	OD >	72"
Report# >	5361-4	Ser. # >	12895	Head Th. >	.313"	Year >	2003
Work Order# >	-	CRN# >	R0268.2	Shell Mat. >	SA-516-70N	PWHT >	No
Equipment >	KNOCKOUT TANK	MAWP >	50 PSI	Shell Th. >	.375"	RT >	RT-1
Manufacturer >	BILTON	Temp >	100 F	Cor. Allow.>	.125"	Cap. >	-





External mid/upper shell view from cabinet.

External shell belly view in crawl space.





External shell belly view in crawl space. (Superficial rust specs)

General over view of insulation & skid. (Light hail dents on head)



General over view of insulation & skid.



General over view of insulation & skid.