

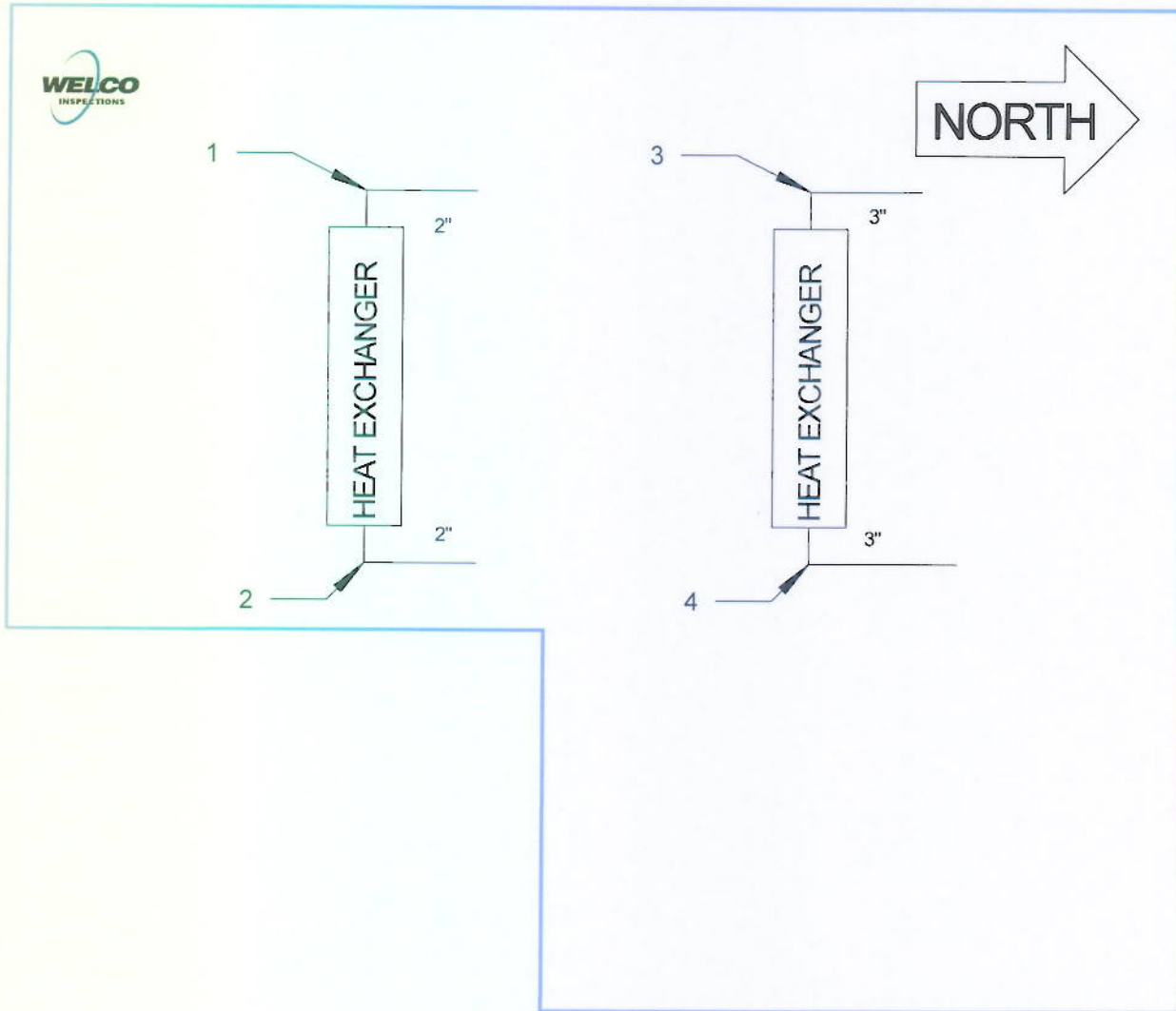
Welco Inspections

Client: **MEC**
 Facility: **Snowfall**
 LSD: **10-07-099-08W6**
 Description: **Heat Exchanger**



Tab #:
 Survey Name:
 Reference #:
 Date:

20
 Chinchaga
 MEC-218
 18-Dec-07

**Vessel Data**

P.E. #:	MEC-218	Reg. #:	
C.R.N.:		Ser. #:	97-5446B
Mfg.:	Exchanger Industries	Mfg. Date:	1997
Des. Press.:	1440 psi	Temp.:	130 F
ID:	0.000 in.	Length:	0.00 ft
Head Mtl.:		Shell Mtl.:	
Head Nom.:	0.000 in.	Shell Nom.:	0.000 in.
Head C.A.:	0.000 in.	Shell C.A.:	0.000 in.
Head Min.:	0.000 in.	Shell Min.:	0.000 in.

Pipe Data

Size:	Sch.:	Nom.:	C.A.:	Min.:
in.		in.	in.	in.
2.000	XS	0.218	0.000	0.191
3.000	80	0.300	0.000	0.263

Managed By:

Welco Inspections

Client: MEC
Facility: Snowfall
LSD: 10-07-099-08W6
Description: Heat Exchanger



Tab #:
Survey Name:
Reference #:
Date:

20
Chinchaga
MEC-218
18-Dec-07

Next Survey Due:

Triggered By TML #:

TML #: 1			Item: 2 XS ell							
Thickness Data			Nom.	C.A.	Min.	S.C.R.	L.C.R.	Rem. Life	Ret. Date	Due
in.	in.	in.	in.	in.	in.	in.	in.	years	year	year
3 / 2005	/	12 / 2007								
0.220	0.000	0.213	0.218	0.000	0.191	0.002	0.004	6	2013	2008
0.219	0.000	0.215	0.218	0.000	0.191	0.002	0.002	12	2019	2010
0.215	0.000	0.222	0.218	0.000	0.191	0.002	0.000	15	2022	2010
0.210	0.000	0.211	0.218	0.000	0.191	0.002	0.000	10	2017	2009

TML #: 2			Item: 2 XS ell							
Thickness Data			Nom.	C.A.	Min.	S.C.R.	L.C.R.	Rem. Life	Ret. Date	Due
in.	in.	in.	in.	in.	in.	in.	in.	years	year	year
3 / 2005	/	12 / 2007								
0.219	0.000	0.220	0.218	0.000	0.191	0.002	0.000	14	2021	2010
0.221	0.000	0.215	0.218	0.000	0.191	0.002	0.003	8	2015	2009
0.225	0.000	0.216	0.218	0.000	0.191	0.002	0.005	5	2012	2008
0.221	0.000	0.218	0.218	0.000	0.191	0.002	0.002	13	2020	2010

TML #: 3			Item: 3 80 ell							
Thickness Data			Nom.	C.A.	Min.	S.C.R.	L.C.R.	Rem. Life	Ret. Date	Due
in.	in.	in.	in.	in.	in.	in.	in.	years	year	year
3 / 2005	/	12 / 2007								
0.290	0.000	0.301	0.300	0.000	0.263	0.002	0.000	19	2026	2011
0.306	0.000	0.308	0.300	0.000	0.263	0.002	0.000	22	2029	2012
0.309	0.000	0.311	0.300	0.000	0.263	0.002	0.000	24	2031	2013
0.300	0.000	0.296	0.300	0.000	0.263	0.002	0.002	16	2023	2011

TML #: 4			Item: 3 80 ell							
Thickness Data			Nom.	C.A.	Min.	S.C.R.	L.C.R.	Rem. Life	Ret. Date	Due
in.	in.	in.	in.	in.	in.	in.	in.	years	year	year
3 / 2005	/	12 / 2007								
0.271	0.000	0.292	0.300	0.000	0.263	0.002	0.000	14	2021	2010
0.270	0.000	0.265	0.300	0.000	0.263	0.002	0.003	1	2008	2007
0.270	0.000	0.277	0.300	0.000	0.263	0.002	0.000	7	2014	2008
0.273	0.000	0.283	0.300	0.000	0.263	0.002	0.000	10	2017	2009

Managed By:

Welco Inspections

Client:

MEC Operating



Type: Indeterminate

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Pressure Vessel Inspection Report

Owner/User Inspection Report

Entry Date: 18-Dec-07

Inspection Date: 18-Dec-07

Report Number: 102663

Equipment Number: MEC-218

Vessel Name: Heat Exchanger

(A) Number:

Equipment Information:

CRN

Service

Manway? yes ☐ no ☒

LSD 10-07-099-08W6 District

Snowfall

Facility

Snowfall

Location Battery

Items from Previous Inspections

Examination Methods

VT-Int. ☐

VT ☒

UT ☒

PT ☐

MT ☐

RT ☐

Other

External Conditions

Paint ok

Piping ok

Flanges secure

Good external condition.

A Number required for exchanger

Internal Conditions

n/a

Managed By:

Welco Inspections

Client:

MEC Operating



Page 2 of 2

Pressure Vessel Inspection Report

Owner/User Inspection Report

Inspection Date: 18-Dec-07

Report Number: 102663

Equipment Number: MEC-218

Vessel Name: Heat Exchanger

(A) Number:

Pressure Tests: Hydro ☐ Pneumatic ☐ Other ☐

Shell side

Tube side

MAWP 1440 psi

PRV #	Set Pressure	Capacity	Location
MEC-102	1440 psi	5181.00 SCFM	
	psi		
	psi		

Inspector: I have witnessed or done the above inspections and do make the following recommendations.

Suitable to be returned to service Yes ☒ No ☐

Repairs are still required Yes ☐ No ☒

Repairs completed, (AB-40 attached) Yes ☐ No ☐ N/A ☒

Suggested inspection interval 3 years

Peter Camilleri

18-Dec-07

Inspector

Signature

Date

Chief Inspector: I certify that the information on this report is true and all inspections as required by our Owner/User Quality Assurance Program # NA which expires 01-Jan-10 have been done.

Recommendations:

Attain A number for exchanger.