

Certificate of Inspection

TOROMONT ENERGY SYSTEMS INC
3615 34 STREET NE

CALGARY, AB
T1Y 6Z8

PREFERRED RE-INSP. INTERVAL: Yr.
YEAR BUILT: 2005
CRN: R6017.2
SERIAL #: C250106C-4
VOLUME: 0.09 M3
HEATING SURFACE:
SURFACE AREA:

COMPANY CODE: 31296
DESCRIPTION: VERTICAL TANK
LOCATION: STOCK, CALGARY
MANUFACTURER: HENRY TECHNOLOGIES

Safety Valves

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
VESSEL	4516 KPA	149 C	-29 C	SV1	2068 KPA	35 M3/MIN	ON VESSEL

OWNER INSTRUCTIONS/REMARKS:

NOT SUBJECT TO ANNUAL FEES AS PER INFORMATION BULLETIN IB03-003 (e) (iii)
PRESSURE VESSELS HAVING A VOLUME NOT EXCEEDING 0.5 M3 (500 LITRES) THAT ARE DESIGNATED FOR THE FOLLOWING USES: SUCTION, DISCHARGE, SCRUBBER OR PULSATION VESSELS FOR COMPRESSORS;

Owner to verify integrity of vessel by periodic inspection program.

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Safety Codes Officer: NAG, NEEL

Signature: Nilanjan Nag

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

The owner or person in charge shall report all accidents involving a boiler, pressure vessel or pressure piping system to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.

Certificate of Inspection

TOROMONT ENERGY SYSTEMS INC
3615 34 STREET NE

CALGARY, AB
T1Y 6Z8

PREFERRED RE-INSP. INTERVAL: Yr.
YEAR BUILT: 2005
CRN: R6017.2
SERIAL #: C250106D-4
VOLUME: 0.09 M3

COMPANY CODE: 31296
DESCRIPTION: VERTICAL TANK
LOCATION: STOCK, CALGARY
MANUFACTURER: HENRY TECHNOLOGIES

HEATING SURFACE:
SURFACE AREA:

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	Safety Valves		
				VALVE ID	SETTING	CAPACITY LOCATION
VESSEL	4516 KPA	149 C	-29 C	SV1	2068 KPA	35 M3/MIN ON VESSEL

OWNER INSTRUCTIONS/REMARKS:

NOT SUBJECT TO ANNUAL FEES AS PER INFORMATION BULLETIN IB03-003 (e)(iii)
PRESSURE VESSELS HAVING A VOLUME NOT EXCEEDING 0.5 M3 (500 LITRES) THAT ARE DESIGNATED FOR THE FOLLOWING USES: SUCTION, DISCHARGE, SCRUBBER OR PULSATION VESSELS FOR COMPRESSORS;

Owner to verify integrity of vessel by periodic inspection program.

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Safety Codes Officer: NAG, NEEL

Signature: Nilanjan Nag

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

The owner or person in charge shall report all accidents involving a boiler, pressure vessel or pressure piping system to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.

Certificate of Inspection

TOROMONT ENERGY SYSTEMS INC
3615 34 STREET NE

CALGARY, AB
T1Y 6Z8

PREFERRED RE-INSP. INTERVAL: Yr.
YEAR BUILT: 2005
CRN: R5817.2
SERIAL #: 054063.2D
VOLUME: 0.01 M3
HEATING SURFACE:
SURFACE AREA:

COMPANY CODE: 31296
DESCRIPTION: AIR COOLED HEAT EXCHANGER
LOCATION: STOCK, CALGARY
MANUFACTURER: AIR-X-CHANGERS

Safety Valves

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
VESSEL	4516 KPA	149 C	-29 C	SV1	2068 KPA	35 M3/MIN ON PIPING	

OWNER INSTRUCTIONS/REMARKS:

NOT SUBJECT TO ANNUAL FEES AS PER INFORMATION BULLETIN IB03-003 (g)
AIR COOLED OR PLATE TYPE HEAT EXCHANGERS;

Owner to verify integrity of vessel by periodic inspection program.

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Safety Codes Officer: NAG, NEEL

Signature: Nilanjan Nag

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:
The owner or person in charge shall report all accidents involving a boiler, pressure vessel or pressure piping system to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.

Certificate of Inspection

TOROMONT ENERGY SYSTEMS INC
3615 34 STREET NE

CALGARY, AB
T1Y 6Z8

PREFERRED RE-INSPECTION INTERVAL: Yr.

YEAR BUILT: 2005

CRN: R5818.2

SERIAL #: 054063.3D

VOLUME: 0.017 M3

HEATING SURFACE:
SURFACE AREA:

COMPANY CODE: 31296
DESCRIPTION: AIR COOLED HEAT EXCHANGER
LOCATION: STOCK, CALGARY
MANUFACTURER: AIR-X-CHANGERS

Safety Valves

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
VESSEL	9067 KPA	149 C	-29 C	SV1	6895 KPA	63 M3/MIN	ON PIPING

OWNER INSTRUCTIONS/REMARKS:
NOT SUBJECT TO ANNUAL FEES AS PER INFORMATION BULLETIN IB03-003 (g)
AIR COOLED OR PLATE TYPE HEAT EXCHANGERS;

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Owner to verify integrity of vessel by periodic inspection program.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Safety Codes Officer: NAG, NEEL

Signature: Nilanjan Nag

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:
The owner or person in charge shall report all accidents involving a boiler, pressure vessel or pressure piping system to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.

1. Manufactured and certified by HENRY TECHNOLOGIES LIMITED, 36 CRAIG STREET BRANTFORD, ONTARIO, CANADA N3T 5T6
 (Name and address of manufacturer)
 2. Manufactured for: TOROMONT PROCESS SYSTEMS, 10121 Barlow Trail N.E., Calgary, AB T1Y-6Z8
 (Name and address of purchaser)
 3. Location of installation: UNKNOWN
 (Name and address)

4. Type: VERTICAL 4 R6017.213 R240108A / 0 N/A 2005
 (Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing no.) (Nat'l Bd. No.) (Year built)
 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction and workmanship conform to ASME Rules, Section VIII, Division 1. 2004 Edition

6. Shell: SA-106 GR B 3/8" 1/16" 12 - 3/4" OD 54"
 (Mat'l (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
 7. Seams: SMLS NONE 100% - - Single / Butt SPOT 1
 Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516 Gr70 (b) Mat'l. SA-516 Gr70
 (Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knickle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	TOP	0.2938"	1/16"	-	-	2 : 1	-	-	-	CONCAVE
(b)	BOTTOM	0.2938"	1/16"	-	-	2 : 1	-	-	-	CONCAVE

If removable, bolts used (describe other fastenings) _____
 (Mat'l., Spec. No., Gr., Size, No.)
 9. MAWP 655 psi at max. temp. 300
 Min. design metal temp. -20 °F at 655 psi. ~~Hydro. pneu. or static~~ test pressure 721 psi

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
CONN	2	3"	W.E.	SA-106 GR B	SCH.80	-	WELDED	SIDE
CONN	1	2"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1 1/2"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1"	T.O.E.	SA 106 Gr B	SCH160	-	WELDED	BOTTOM
CONN	3	3/4"	CPLG.	SA-105N	6000lb.	-	WELDED	TOP/SIDE

11. Supports: Skirt YES Lugs 2 Legs - Other - Attached Top/Bottom/Welded
 (Yes or no) (No) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
 (Name of part, item number, Mfr's name and identifying stamp)

NO IMPACTS REQUIRED AS PER UCS-66
HEADS ARE HOT FORMED
LPI PERFORMED PER UW-50

CERTIFICATE OF SHOP / FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. *U* Certificate of Authorization No. 29646 expires Jun-05-2006
 Date April 25/05 Co. Name HENRY TECHNOLOGIES LIMITED (Manufacturer) Signed [Signature] (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by HENRY TECHNOLOGIES LIMITED at 36 CRAIG STREET BRANTFORD, ONTARIO, CANADA N3R 7J1
 I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ONTARIO and employed by T.S.S.A. have inspected the component described in this Manufacturer's Data Report on 18/4/05 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
 Date 25/4/05 Signed Robert E. Delakmar (Authorized Inspector) Commissions 59 (Nat'l Board, (incl. endorsements) State, Prov. and No.)

530764

PSV SET/CAP
655 / 1479

JOB # 31296

Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

CUST. P.O. # 25 333

1. Manufactured and certified by HENRY TECHNOLOGIES LIMITED, 36 CRAIG STREET BRANTFORD, ONTARIO, CANADA N3T 5T6
(Name and address of manufacturer)

2. Manufactured for TOROMONT PROCESS SYSTEMS, 10121 Barlow Trail N.E., Calgary, AB T1Y-6Z8
(Name and address of purchaser)

3. Location of installation UNKNOWN
(Name and address)

4. Type VERTICAL C250106D-(1-5) R6017.213 R240108A/0 N/A 2005
(Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing no.) (Nat'l Bd. No.) (Year built)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1
2004 Edition
Year

6. Shell: SA-106 GR B 3/8" 1/16" 12-3/4" OD 48"
Mat'l. (Spec No., Grade) Norm. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: SMLS NONE 100% - - Single / Butt SPOT 1
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516 Gr70 (b) Mat'l. SA-516 Gr70
(Spec No., Grade) (Spec No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) TOP	0.2938"	1/16"	-	-	2:1	-	-	-	CONCAVE
(b) BOTTOM	0.2938"	1/16"	-	-	2:1	-	-	-	CONCAVE

If removable, bolts used (describe other fastenings) -

9. MAWP 655 psi at max. temp. 300
Min. design metal temp. -20 °F at 655 psi. Hydro, pneu., or other test pressure 721 psi
(Mat'l., Spec. No., Gr., Size, No.)

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
CONN	2	2"	W.E.	SA 106 Gr B	SCH.160	-	WELDED	SIDE
CONN	1	2"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1 1/2"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1"	CPLG.	SA-105N	6000lb.	-	WELDED	SIDE
CONN	1	1"	T.O.E.	SA 106 Gr B	SCH160	-	WELDED	BOTTOM
CONN	3	3/4"	CPLG.	SA-105N	6000lb.	-	WELDED	TOP/SIDE

11. Supports: Skirt YES Lugs 2 Legs - Other - Attached Top/Bottom/Welded
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report

NO IMPACTS REQUIRED AS PER UCS-66
HEADS ARE HOT FORMED
LPI PERFORMED PER UW-50
(Name of part, item number, Mfr's name and identifying stamp)

CERTIFICATE OF SHOP / FIELD COMPLIANCE
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. *U* Certificate of Authorization No. 29646 expires Jun-05-2006
Date Apr 25/05 Co. Name HENRY TECHNOLOGIES LIMITED (Manufacturer) Signed [Signature] (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION
Vessel constructed by HENRY TECHNOLOGIES LIMITED at 36 CRAIG STREET BRANTFORD, ONTARIO, CANADA N3K 7J1
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ONTARIO and employed by T.S.S.A. have inspected the component described in this Manufacturer's Data Report on Apr. 18, 2005, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date Apr. 26, 05 Signed [Signature] (Authorized Inspector) Commissions ON 33 (Nat'l Board, (incl. endorsements) State, Prov. and No.)

Ⓐ 530765

PSV SET/LAP
655/1479

JOB # 31296
STOCK

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form For Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Ⓐ 530766

1. Manufactured and certified by: Air-X-Changers, A Harsco Company 5215 Arkansas Road, Port of Catoosa, OK 74015
(Name and address of manufacturer)

2. Manufactured for: Toromont Energy Systems, 10121 Barlow Trail N.E., Calgary, Alberta, Canada T3J 3C5
(Name and address of purchaser)

3. Location of installation: Unknown, Unknown
(Name and address)

4. Type: Heat Exchanger 054063.2D R5817.213 HDR-23R0/034663-CRN-1RD 48512 2005
(Horz/vert tank) (Mfg. Serial No.) (CRN) (Drawing No.) (Nat'l Board No.) Year Built

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2001
to A03 --- Year NONE
Addenda (Date) Code Case No. Special Service per UG-120(d)

6. Shell: SA516 70N 1.25" .0625" 6.8750" 1' - 0.625"
Matl. (Spec No./Grade) Nom. Thk. (in.) Corr. Allow (in.) Diameter ID (R/in) Length (Overall) (R/in)

7. Seams: Corner Joint ---- ---- ---- ---- ---- ---- ---- ----
Long (Wld, Dbl, Sgl, Lap, Butt) R. T. (spot/full) BF (%) H.T. Temp °F Time (hr) Girth (wid, Dbl, Sgl, Lap, Butt) R. T. (spot, part, /full) No. of course

8. Heads: (a) Matl. SA516 70N ---- (b) Matl. SA516 70N ----
(Spec No. Grade) (Spec No. Grade)

	Location (Top, bot, ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diam	Side to Pressure Convex or Concave
a	TOP, BTM	0.875 "	.0625"	--	--	--	--	--	4"	X 12.625"
b	ENDS	0.75 "	.0625"	--	--	--	--	--	4"	X 5.125"

If removable bolts used (describe other fastening) -----

Header Volume .136 Cu. Ft. (Matl., Spec. No., Gr., Size, No.)

9. MAWP 655 psi at max. temp. 300 °F
Min. design metal temp. -20 Degrees F at 655 psi. hydro., pneu., or comb. test pressure 852 psi.

10. Nozzle, inspection and safety valve openings:

Purpose (Inlet, outlet, drain)	No.	Dia. or Size	Type	Material	Nominal Thickness	Reinforce Material	How Attached	Location
IN,OUT	2	2"	300# RFWN	SA105/SA106 GRB	SCH160	Weid	Welded	HEADER

11. Supports: Skirt ---- Lugs ---- Legs ---- Other Structure Attached Boiled
(yes/no) (No.) (No.) (Description) (Where and How)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: (Name of part, item number, Mfg's name and identifying stamp)

Tubes: 30 0.6250" OD, Straight 60" Length 16BWG Gauge / W.Thk SA214 Rolled Tube Sheet
Insp: 60 0.75" X 16 UNF THD'D SA105 Plug Sheet

VESSEL EXEMPT FROM IMPACT TESTING PER UG-20 (F)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship on this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certification of Authorization No. 4241 expires 12/31 2005
Date 4-18-05 Company Name Air-X-Changers, A Harsco Company Signed Victoria J. Kleitels
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Air-X-Changers, A Harsco Company at Tulsa, Oklahoma

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Oklahoma and employed by OneBeacon America Insurance Company have inspected the components described in this Manufacturer's Data Report on 4/11, 20 05 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date: 4/12/05 Signed: [Signature] Commissions: NB# 11672A / OR# 765
(Authorized Inspector) (Nat'l Board (Inc. endorsements), State, Prov. and No.)

PSV SET/CAP - 655 / 1479

JOB # 31296
STOLK

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form For Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

① 530767

1. Manufactured and certified by: Air-X-Changers, A Harsco Company 5215 Arkansas Road, Port of Catoosa, OK 74015
(Name and address of manufacturer)

2. Manufactured for: Toromont Energy Systems, 10121 Barlow Trail N.E., Calgary, Alberta, Canada T3J 3C5
(Name and address of purchaser)

3. Location of installation: Unknown, Unknown
(Name and address)

4. Type: Heat Exchanger 054063.3D R5818.213 HDR-293R1034663-CRN-3R0 48517 2005
(Horiz/vert tank) (Mfg. Serial No.) (CRN) (Drawing No.) (Nat'l Board No.) Year Built

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 2001
to A03 -- Year NONE
Addenda (Date) Code Case No. Special Service per UG-120(d)

6. Shell: SA516 70N 1.25" .0625" 6.8750" 1' - 9.75"
Matl. (Spec No./Grade) Nom. Thk (in.) Corr. Allow (in.) Diameter ID (R/In) Length (Overall) (R/In)

7. Seams: Corner Joint ---- C=.20 ---- ----
Long (wid, Dbl, Sgl, Lap, Butt) R. T. (spot/full) Eff (%) H.T. Temp °F Time (hr) Girth (wid, Dbl, Sgl, Lap, Butt) R. T. (spot, part, full) No. of course

8. Heads: (a) Matl. SA516 70N ---- (b) Matl. SA516 70N ----
(Spec No. Grade) (Spec No. Grade)

	Location (Top, bot, ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diam	Side to Pressure Convex or Concave
a	TOP, BTM	0.875"	.0625"	--	--	--	--	--	4"	x 21.75"
b	ENDS	0.75"	.0625"	--	--	--	--	--	4"	x 5.125"

If removable bolts used (describe other fastening) -----

Header Volume .248 Cu. Ft. (Matl., Spec. No., Gr., Size, No.)

9. MAWP 1315 psi at max. temp. 300 °F
Min. design metal temp. -20 Degrees F at 1315 psi. hydro., pneu., or comb. test pressure 1710 psi.

10. Nozzle, inspection and safety valve openings:

Purpose (Inlet, outlet, drain)	No.	Dia. or Size	Type	Material	Nominal Thickness	Reinforce Material	How Attached	Location
IN/OUT	2	2"	600# RFWN	SA105/SA106 GRB	SCH160	Weld	Welded	HEADER
VENT/DRAIN	1	1"	CPLG.	SA105	6000#	Weld	Welded	HEADER

11. Supports: Skirt ---- Lugs ---- Legs ---- Other Structure Attached Bolted
(yes/no) (No.) (No.) (Description) (Where and How)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
(Name of part, item number, Mfg's name and identifying stamp)

Tubes: 44 0.6250" OD, Straight 60" Length 16BWG Gauge / W.Thk SA214 Rolled Tube Sheet
Insp: 88 0.75" X 16 UNF THD'D SA105 Plug Sheet

VESSEL EXEMPT FROM IMPACT TESTING PER UG-20 (F)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship on this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certification of Authorization No. 4241 expires 12/31 2005

Date 4-22-05 Company Name Air-X-Changers, A Harsco Company (Manufacturer) Signed Heberna J. Nettles (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Air-X-Changers, A Harsco Company at Tulsa, Oklahoma

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Oklahoma and employed by OneBeacon America Insurance Company have inspected the components described in this Manufacturer's Data Report on 4/11, 20 05 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date: 4/22/05 Signed: [Signature] (Authorized Inspector) Commissions: NB# 11672A / SIC# 765 (Nat'l Board (inc. endorsements), State, Prov. and No.)

PSV SET/LAP 1000/2242