



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

BOARD OF BOILER RULES
Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

AGENDA
June 10, 2014
9:30 a.m.

- 1) Call to order and determination of quorum M. Babcock
- 2) Announcements M. Moore
- 3) Approval of Agenda – June 10, 2014 (Pages 1-2) M. Babcock
- 4) Approval of Minutes – March 11, 2014 (Pages 3-7) M. Babcock
- 5) Review of candidates passing examination
for Boiler Installer and Repairer, (Document BLR2014-6) M. Moore
June 2014 (Page 8) (To be handed out at meeting)
- 6) Review candidate successfully passing written
NIULPE examination for Boiler Operator (Document BLR2014-7) M. Moore
Registration (Page 9)
- 7) Accidents (Page 10-38) (Document BLR2014-8) M. Moore
- 8) Violations (Page 39-42) (Document BLR2014-9) M. Moore
- 9) Section 23
 - a) Dow Chemical (Page 43-47) (Document BLR2014-10) M. Moore
 - b) Consumers Energy (Page 48-51) (Document BLR2014-11) M. Moore

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

- 10) Certificate Extension
 - a) Verso Paper MIR342395 (Page 52-54) (Document BLR2014-12) M. Moore
- 11) Chief Inspector's Report M. Moore
- 12) Deputy Director Report K. Lambert
- 13) Unfinished Business M. Moore
- 14) New Business M. Moore
- 15) Public Comment M. Babcock
- 16) Next Meeting – Tuesday, September 9, 2014 M. Babcock
- 17) Adjournment M. Babcock



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

BOARD OF BOILER RULES
Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

MINUTES
March 11, 2014
9:30 a.m.

MEMBERS PRESENT

Mr. Mark C. Babcock
Mr. Eric E. Cameron
Mr. R. James Federighe
Mr. Roger D. Jenkins
Mr. A. Chris Lanzon
Mr. James B. Lewis
Mr. Michael K. Muterspaugh
Mr. Dennis Rupert

MEMBERS ABSENT

Mr. Robert Hutsell
Mr. Frank Wiechert

DEPARTMENT PERSONNEL ATTENDING

Mr. Mark Moore, Chief, Boiler Division
Mr. David Stenrose, Assistant Chief, Boiler Division
Ms. Lisa Rambo, Office Supervisor, Boiler Division
Mr. Chuck Williams, Senior Inspector, Boiler Division
Mr. Keith Lambert, Deputy Director, Bureau of Construction Codes

OTHERS IN ATTENDANCE

Mr. Don Nurmela, Verso Paper
Mr. Ryan Randazzo, DTE Energy

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

Chairperson Jenkins called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

2. **NOMINATION AND ELECTION OF OFFICERS**

Board member Lanzon nominated board member Babcock for Chairperson.

A **MOTION** was made by board member Lewis and board member Lanzon seconded the motion to elect board member Babcock as Chairperson. **MOTION CARRIED.**

Board member Lanzon nominated board member Rupert for Vice Chairperson.

A **MOTION** was made by board member Lanzon and board member Muterspaugh seconded the motion to elect board member Rupert as Vice Chairperson. **MOTION CARRIED.**

Board member Lanzon nominated board member Lewis for Secretary.

A **MOTION** was made by board member Babcock and board member Cameron seconded the motion to elect board member Lewis as Secretary. **MOTION CARRIED.**

3. **ANNOUNCEMENTS**

- a. New senior inspector Chuck Williams.
- b. SEMPPEs – Southeastern Michigan Power Plant Engineers Society meeting April 17th.
- c. NBIA – Meeting on April 24th.
- d. MBIA – Michigan Boiler Inspectors Association meeting April 24th and 25th.

4. **APPROVAL OF AGENDA**

A **MOTION** was made by board member Lewis and board member Muterspaugh seconded the motion to approve the March 11, 2014 agenda. **MOTION CARRIED.**

5. **APPROVAL OF MINUTES**

A **MOTION** was made by board member Lewis and board member Cameron seconded the motion to approve the minutes of the December 10, 2013 meeting. **MOTION CARRIED.**

6. **REVIEW OF CHIEF INSPECTOR'S RECOMMENDATION FOR ISSUANCE OF LICENSES FOR BOILER INSTALLERS AND REPAIRERS**

Board reviewed the March 2014 examination results, listed on Document BLR2014-1.

A **MOTION** was made by board member Jenkins and board member Lewis seconded the motion to approve names for issuance of the license application to the examinees on March 2014 examination. (Document BLR2014-1). **MOTION CARRIED.**

7. **ACCIDENT REPORT**

The board reviewed the accident report for Turri's Italian Foods, Genesee County Courts & Human Services, and Gerdau Ameristeel Corporation. (Document BLR2014-2).

Received and Filed.

8. **VIOLATION**

The board reviewed the violations issued. (Document BLR2014-3).

Received and Filed

9. CERTIFICATE EXTENSION

Board reviewed the certificate extension on boiler MIR342395 for Verso Paper Corporation listed in Documents BLR2014-4.

A **MOTION** was made by board member Lanzon and board member Lewis seconded the motion to approve the certificate extension on boiler MIR342395 for Verso Paper Corporation until November 1, 2014. (Document BLR2014-4). **MOTION CARRIED.**

Board reviewed the certificate extension on Boiler MIR342394 for Verso Paper Corporation listed in Documents BLR2014-5.

A **MOTION** was made by board member Lewis and board member Muterspaugh seconded the motion to approve the certificate extension on boiler MIR342394 for Verso Paper Corporation until October 1, 2014. (Document BLR2014-5). **MOTION CARRIED.**

10. CHIEF INSPECTOR'S REPORT – MARK MOORE

- a. February 4th & 5th inspector training to review code changes that took effect November 30, 2013.
- b. February 2014 Mark became member of the National Board.
- c. Sending two (2) inspectors 10's to take course for their commissions.
- d. Boiler Division received approval to hire an inspector in the Upper Peninsula.
- e. Boiler Division will be interviewing to replace Chuck Williams in Macomb, St Clair, and Sanilac Counties.

11. DEPUTY DIRECTOR REPORT – KEITH LAMBERT

- a. Deputy Director congratulated Mr. Babcock, Mr. Rupert, and Mr. Lewis on their newly appointment positions.
- b. RPM - Reinventing Performance in Michigan; A task to reduce forms and processing times. The reinvention of the Bureau's forms and the consolidating of the forms.
- c. Bill 576; A bill to establish supplemental conflict of interest standards for members of regulatory bodies in the department of licensing and regulatory affairs; to require disclosure of certain interests; to provide grounds for removal of members of regulatory bodies.

12. UNFINISHED BUSINESS

Mr. Moore discussed the letter mailed to Vocational Institute of Michigan (VIM) on January 10, 2014 and his recommendation to deny the application received on March 19, 2013 due to the failure to provide the requested documentation so that the audit could be completed.

MOTION was made by board member Rupert and board member Jenkins seconded the motion to deny the application for Vocational Institute of Michigan Qualified Education Program (QTEP) due to the failure to provide the requested documentation so that the audit could be completed. (Document BLR2013-12). **MOTION CARRIED.**

13. NEW BUSINESS

None Reported

14. PUBLIC COMMENT

No Public Comment

15. NEXT MEETING – Tuesday – June 10, 2014.

16. ADJOURNMENT

A **MOTION** was made by board member Rupert and board member Lanzon seconded the motion to adjourn the meeting at approximately 10:45 a.m. **MOTION CARRIED.**

APPROVED:

Chairman, Board of Boiler Rules

Date



STATE OF MICHIGAN
 DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
 BUREAU OF CONSTRUCTION CODES
 IRVIN J. POKE
 DIRECTOR

RICK SNYDER
 GOVERNOR

STEVE ARWOOD
 DIRECTOR

(Document BLR2014-6)

June 6, 2014

To: Members, Board of Boiler Rules

From: Mark Moore
 Chief Boiler Inspector

Subject: **List of Installers & Repairers who passed the June 2014 Examination.**

Name	Company	State	County	License Class
------	---------	-------	--------	---------------

To Be Handed Out At The June 10, 2014 Board Meeting

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
 Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

P.O. BOX 30254 • LANSING, MICHIGAN 48909
 www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

(Document BLR2014-7)

April 24, 2014

To: Members, Board of Boiler Rules

From: Mark Moore
Chief Boiler Inspector

Subject: List of Operator Registration who passed the NIULPE Examination

<u>Name</u>	<u>Exam Class</u>	<u>Exam Date</u>
Raymond Rascoe	High Pressure	April 4, 2014

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

(Document BLR2014-8)

ACCIDENT REPORT JUNE 2014 BOARD MEETING

BOILER LOCATION	BOILER NUMBER	BOILER TYPE	PRESSURE AND USE	TYPE OF FAILURE	CAUSE OF FAILURE	DAMAGE TO BOILER	NUMBER INJURED	DATE OF FAILURE	DATE OF INVESTIGATION	INSURANCE OR STATE
Lake Crest Baptist Church	MIR383074	CI	30	Gas Leak	Failed at the low end of the gas train.	Burnt at front panel. Boiler controls burnt.	0	April 8, 2014	April 11, 2014	Insurance
Copi Properties Apartments	MIR109497	CI	30	Explosion	Unknown boiler removed from site prior to accident investigation	Blew out one side of a section where the inlet of the feed water entered	0	April 22, 2014	April 23, 2014	State of Michigan

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

Accident Report - Boiler or Pressure Vessel
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Boiler Division
 P.O. Box 30254, Lansing, MI 48909
 517-241-9334

ACCIDENT DATE APRIL 8, 2014
<input type="checkbox"/> BOILER EXPLOSION
<input type="checkbox"/> FURNACE EXPLOSION
<input type="checkbox"/> DRY FIRED
<input checked="" type="checkbox"/> OTHER (Explain) Gas leak & Fire

Authority: 1965 PA 290
 Completion: Mandatory
 Penalty: None

LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Mail original copy of accident report to the address listed above.

Boiler Information

BOILER LOCATION Lake Crest Baptist Church & School				
ADDRESS 35 Airport Rd	CITY Waterford	STATE MI	ZIP CODE 48327	
OWNER NAME Samu				
ADDRESS Samu	CITY Samu	STATE Samu	ZIP CODE Samu	
BOILER CONSTRUCTION <input type="checkbox"/> WELD <input type="checkbox"/> RIVET <input type="checkbox"/> LAP <input checked="" type="checkbox"/> MECHANICAL ASSEMBLY		BOILER TYPE <input type="checkbox"/> FT <input type="checkbox"/> WT <input checked="" type="checkbox"/> CAST <input type="checkbox"/> OTHER (Specify) _____		
BOILER MANUFACTURER Slant Fin				
STATE NUMBER M 383074	MFG. SERIAL NUMBER M 630781	NATIONAL BOARD NUMBER	MAWP 30	YEAR BUILT 1997
SAFETY / RELIEF VALVE INSTALLED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		SET PRESSURE 30	ASME / NB STAMPED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CAPACITY 375,000				
BOILER USED FOR <input type="checkbox"/> POWER <input type="checkbox"/> PROCESS <input type="checkbox"/> STEAM HEATING <input checked="" type="checkbox"/> HWH <input type="checkbox"/> HWS <input type="checkbox"/> OTHER (Specify) _____				
CSD-1 TESTING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA		CSD-1 TEST LAST PERFORMED January 2014	BY WHOM Riharb Mechanical	BTU / HR INPUT 375,000
IS CERTIFICATE CURRENT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			EXPIRATION DATE 12/10/2016	
DOES JURISDICTION REQUIRE LICENSED OPERATOR <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			WERE OPERATORS LICENSED OR REGISTERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
TYPE OF BUSINESS WHERE USED Church & School		NUMBER KILLED 0	NUMBER INJURED 0	

Personal Injury

NAME OF PERSON INJURED	NAME OF PERSON INJURED
ADDRESS OF PERSON INJURED	ADDRESS OF PERSON INJURED
EXTENT OF INJURY	EXTENT OF INJURY
HOSPITALIZED <input type="checkbox"/> YES <input type="checkbox"/> NO	HOSPITALIZED <input type="checkbox"/> YES <input type="checkbox"/> NO

Witnesses Interviewed

NAME John Peck	ADDRESS	CITY	STATE MI	ZIP CODE
NAME	ADDRESS	CITY	STATE	ZIP CODE
NAME	ADDRESS	CITY	STATE	ZIP CODE

Accident

PROPERTY DAMAGE (Be Specific. Include dollar amounts. Attach a separate page if necessary)
 Boiler burnt - most likely beyond repair.
 Hot water heater - burnt
 Hot water loop controls - burnt
 Misc items in boiler (cleaning gear) burnt

TYPE OF ACCIDENT (Explosion, Dry Fired, Rupture, etc.)
 Natural gas leak on the fuel train resulted in a fire.
 Waterford Township Fire Department responded.

DESCRIBE THE CAUSE AND EVENTS WHICH PRECEDED THE ACCIDENT. DESCRIBE IN DETAIL THE EXTENT AND PARTS DAMAGED.
 Paul from Ribarb Mechanical said it looked like an oriface failed at the low end of the gas train. There was no oriface left. The escaping gas resulted in a fire. Estimate \$15,300 in property damage.

DAMAGE TO BOILER Boiler burnt at front panel. Boiler controls burnt.	CAN BOILER BE REPAIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	IS REPAIR PERMIT REQUIRED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

WERE DAMAGED PARTS EXAMINED
 YES NO IF NO, WHY NOT _____

BASED ON YOUR INVESTIGATION, PROVIDE YOUR OPINION OF THE CAUSE OF ACCIDENT
 I concur with Paul. Something failed at the gas safety shutoff valve, most likely an oriface. This resulted in leaking natural gas & the fire. A water pipe at the ceiling split and acted like a fire sprinkler & contained the fire.

INSPECTOR'S RECOMMENDATION
 Recommend replacement of the boiler, hot water heater, and hot water loop controls.

WHAT HAS BEEN DONE OR WILL BE DONE TO PREVENT RECURRENCE OF LIKE OR SIMILAR FAILURES
 Continue with OSD-1 testing procedure and routine boiler checks.

Other Investigative Agencies

WERE OTHER INVESTIGATIVE AGENCIES INTERVIEWED		IS A REPORT AVAILABLE		WERE PHOTOGRAPHS TAKEN		ARE PHOTOGRAPHS ATTACHED TO REPORT	
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
NAME Waterford Township Fire Department	ADDRESS	CITY	STATE	ZIP CODE			
NAME	ADDRESS	CITY	STATE	ZIP CODE			

Inspector NAME OF INSPECTOR David Hunt	LICENSE NUMBER 300920	DATE OF REPORT April 11, 2014
--	--------------------------	----------------------------------

Add/Edit Boiler Inspection

Support | Help

Lakecrest Baptist Church 35 Airport Rd , Waterford, MI, 48327-1700

[-] Boiler Details

Jurisdiction Number * MIR383074 Status * Scrapped Nat'l Bd. No. Owner or Batter No

Other No. 630781 Specific Location School Building Boiler Room Year Built * 1997

Year Installed * 1997 Edit Manufacturer Slant Fin Construction Type * Mech Use * Hot Water He

Boiler Type * Cast Method of Firing * Auto Fuel * Gas

Manhole * No Pressure Gauge Installed? * Yes Low Water Cutoff Type * Probe

Power Boiler Ht. Surface * 0 Min SV Rel Cap Required * 300000 MRSVC Based On * Stamp

Input BTU/HR 375000 Previous Pressure Allowed 30 Certificate Duration (MO) * 36

Cert Exp Date * 12/10/2016 Max Design Temp (HWH, HWS) 250 ASME Stamp * H

* Required Field

[-] Inspection Details

Current Certificate Expires: 12/10/2016

Inspection Type: Accident Inspect

Condition OK to Issue Cert. * No Inspection Date * 04/10/2014 Pressure Allowed * (0) 0

S.V. Tested (Y) Yes Rule 27 Complied * Yes Safety Valve Set At * (30) 30 Total Capacity

* Required Field

[+] Object/Inspection Comments

[-] Object History

[-] Scheduled Events for this Object

edit External Cert - Next:12/10/2016

[-] Inspection History

- [View 12/08/97](#) - Certificate External Inspection - Certificate Issued
- [View 05/24/00](#) - Certificate External Inspection - Certificate Issued
- [View 12/27/01](#) - Certificate External Inspection - Certificate Issued
- [View 03/23/04](#) - Certificate External Inspection - Certificate Issued
- [View 05/07/07](#) - Certificate External Inspection - Certificate Issued
- [View 01/10/11](#) - Certificate External Inspection - Boiler Certificate - Certificate Issued
- [View 12/10/13](#) - Certificate External Inspection - Boiler Certificate - Certificate Issued
- [View 04/10/14](#) - Accident Inspection

[-] Past Recommendations and Violations for this Object

- [View 01/10/11](#) - Not Certificate Blocking - Triennial testing of controls not done - Closed
- [View 01/10/11](#) - Not Certificate Blocking - Pressure relief device discharge pipe unacceptable - Closed
- [View 12/10/13](#) - Not Certificate Blocking - Triennial testing of controls not done - Closed

[-] Tests

No Record(s)

[-] Repairs

No Record(s)

© 2001-2014 Praeses, LLC.
Developed by Praeses, LLC

User Name: Lisa Rambo
Employer : State of Michigan

Submit Cancel Reset Preview Insp. Report What do you want to do...

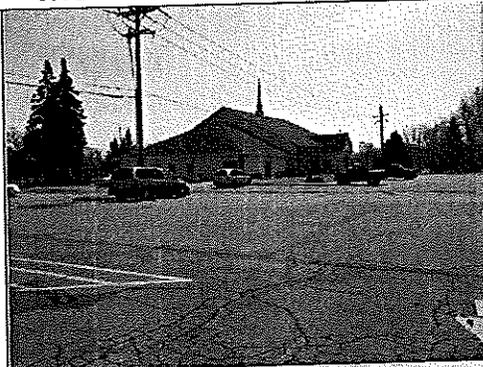
Photos

PHOTOS

Type Description Below

Insert Photos Below

☞ This is the church building. This building sits across the parking lot from the school building.



☞ This is the front of the school building. This sits along the road front for Airport Road.



☞ This is the rear of the school building. The arrow points to where the exhaust flue for the boiler is located on the roof.



☞ This is the south side of the building. The arrow points to the door where the associate pastor entered the building.



PHOTOS

Type Description Below

Insert Photos Below

➤ This is a closer shot of the doorway.



➤ This is the front of the boiler looking in through the door way from the hall way. There is a second opening to a cross hall way behind the boiler.



➤ This shows the small hot water heater on a shelf in the opposite corner from the boiler. You can see the block wall behind it had no damage to it. The lower front of the hot water heater is burnt.



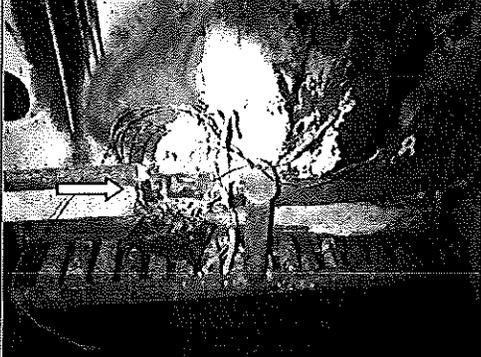
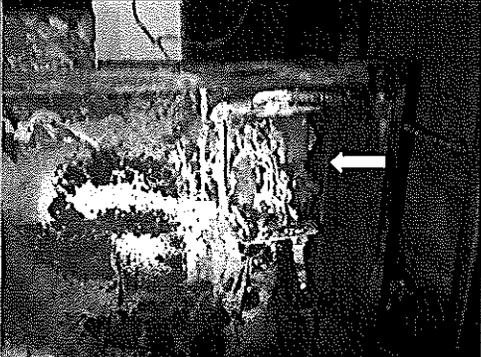
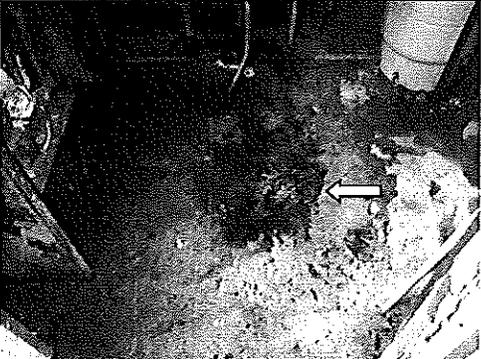
➤ This is the inside of the door to the boiler room. The paper work is sooty but basically undamaged.



PHOTOS

Type Description Below

Insert Photos Below

<p>➤ This is the front panel of the boiler. The worse burn marks are in the area around the gas safety shutoff valve.</p>		
<p>➤ This is another shot of the lower part of the boiler front panel.</p>		
<p>➤ This shows the controls in the upper right corner of the boiler front panel.</p>		
<p>➤ This shows where the mope bucket was sitting over the floor drain. The drain is under the blackened area.</p>		

PHOTOS

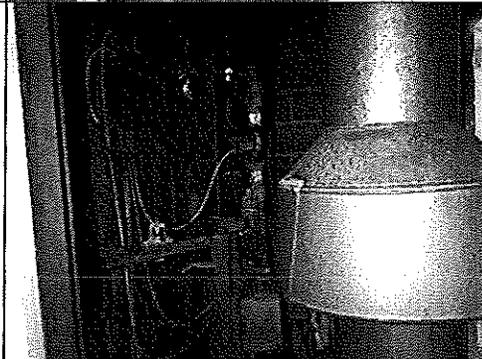
Type Description Below

Insert Photos Below

➤ This is the rear of the boiler. This was taken while standing in the cross hall way with the second access to the boiler room open. There is no evidence of damage on the rear of the boiler.



➤ This is the exhaust flue above the boiler.



➤ This is the debris they removed from the boiler room. This was sitting outside by the corner of the building. The arrow points to what is left of the mope bucket. You can see some of the wheel it was rolling on.



Accident Report - Boiler or Pressure Vessel
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Boiler Division
 P.O. Box 30254, Lansing, MI 48909
 517-241-9334

ACCIDENT DATE 4-22-14
<input checked="" type="checkbox"/> BOILER EXPLOSION
<input type="checkbox"/> FURNACE EXPLOSION
<input type="checkbox"/> DRY FIRED
<input type="checkbox"/> OTHER (Explain)

Authority: 1985 PA 290 Completion: Mandatory Penalty: None	LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
--	--

Mail original copy of accident report to the address listed above.

Boiler Information

BOILER LOCATION Copi Properties Apartments			
ADDRESS 721 Catherine St.	CITY Ann Arbor	STATE Michigan	ZIP CODE 48104
OWNER NAME Sam Copi			
ADDRESS 1207 Packard Ste. N-2	CITY Ann Arbor	STATE Michigan	ZIP CODE 48104
BOILER CONSTRUCTION <input type="checkbox"/> WELD <input type="checkbox"/> RIVET <input type="checkbox"/> LAP <input checked="" type="checkbox"/> MECHANICAL ASSEMBLY		BOILER TYPE <input type="checkbox"/> FT <input type="checkbox"/> WT <input checked="" type="checkbox"/> CAST <input type="checkbox"/> OTHER (Specify)	
BOILER MANUFACTURER American Standard			
STATE NUMBER M 109497 M	MFG. SERIAL NUMBER G28F	NATIONAL BOARD NUMBER N/A	MAWP 30 #
YEAR BUILT 1959	SAFETY / RELIEF VALVE INSTALLED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		CAPACITY
SET PRESSURE 30 #		ASME / NB STAMPED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
BOILER USED FOR <input type="checkbox"/> POWER <input type="checkbox"/> PROCESS <input type="checkbox"/> STEAM HEATING <input checked="" type="checkbox"/> HWH <input type="checkbox"/> HWS <input type="checkbox"/> OTHER (Specify)			
CSD-1 TESTING <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA	CSD-1 TEST LAST PERFORMED Unknown	BY WHOM Unknown	BTU / HR INPUT 168,000
IS CERTIFICATE CURRENT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		EXPIRATION DATE 11-22-14	
DOES JURISDICTION REQUIRE LICENSED OPERATOR <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		WERE OPERATORS LICENSED OR REGISTERED <input type="checkbox"/> YES <input type="checkbox"/> NO N/A	
TYPE OF BUSINESS WHERE USED Apartments	NUMBER KILLED 0	NUMBER INJURED 0	

Personal Injury

NAME OF PERSON INJURED	NAME OF PERSON INJURED
ADDRESS OF PERSON INJURED	ADDRESS OF PERSON INJURED
EXTENT OF INJURY	EXTENT OF INJURY
HOSPITALIZED <input type="checkbox"/> YES <input type="checkbox"/> NO	HOSPITALIZED <input type="checkbox"/> YES <input type="checkbox"/> NO

Witnesses Interviewed

NAME Sam Copi	ADDRESS	CITY	STATE Michigan	ZIP CODE
NAME Don Noye	ADDRESS	CITY	STATE Michigan	ZIP CODE
NAME	ADDRESS	CITY	STATE	ZIP CODE

Accident

PROPERTY DAMAGE (Be Specific. Include dollar amounts. Attach a separate page if necessary)	
Wooded wall of the boiler room Toilet Sink Piping \$15,000 Replacement Cost	Boiler Walls Ceiling Door Window

TYPE OF ACCIDENT (Explosion, Dry Fired, Rupture, etc.)
Explosion

DESCRIBE THE CAUSE AND EVENTS WHICH PRECEDED THE ACCIDENT. DESCRIBE IN DETAIL THE EXTENT AND PARTS DAMAGED.
Tenant Justin Hoag of apartment #2, above boiler room, had no heat and went to boiler room to investigate. He observed the boiler shaking and making gurgling noises. He called Sam Copi at 2:58 AM on 4-22-14. Shortly after Sam received a phone call from the Fire Department that the boiler exploded (3:16 AM)

DAMAGE TO BOILER Blew out one side of a section where the inlet of the feed water entered.	CAN BOILER BE REPAIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	IS REPAIR PERMIT REQUIRED <input type="checkbox"/> YES <input type="checkbox"/> NO <i>N/A</i>

WERE DAMAGED PARTS EXAMINED
 YES NO IF NO, WHY NOT _____

BASED ON YOUR INVESTIGATION, PROVIDE YOUR OPINION OF THE CAUSE OF ACCIDENT
Took apart the feed line and observed sediment built up in the PRV. also buildup of sediment in the SRV. I believe water could not enter the boiler because it was blocked by sediment. Its possible after the boiler overheated, some water may have passed the blockage and flashed to steam.

INSPECTOR'S RECOMMENDATION
New boiler and piping.

WHAT HAS BEEN DONE OR WILL BE DONE TO PREVENT RECURRENCE OF LIKE OR SIMILAR FAILURES
Informed the owner of CSD-1 testing and in between Certificate inspections there should be maintenance performed according to the owners manual and/or Manufacturers recommendations.

Other Investigative Agencies

WERE OTHER INVESTIGATIVE AGENCIES INTERVIEWED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IS A REPORT AVAILABLE <input type="checkbox"/> YES <input type="checkbox"/> NO		WERE PHOTOGRAPHS TAKEN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		ARE PHOTOGRAPHS ATTACHED TO REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO	
NAME	ADDRESS	CITY	STATE	ZIP CODE			
NAME	ADDRESS	CITY	STATE	ZIP CODE			

Inspector

NAME OF INSPECTOR <i>Chuck Williams</i>	LICENSE NUMBER <i>1078</i>	DATE OF REPORT <i>4-23-14</i>
--	-------------------------------	----------------------------------

Support | Hi

David Copi 721 Catherine St , Ann Arbor, MI, 48104-1548

[-] Boiler Details

Jurisdiction Number * MIR109497 Status * Active Nat'l Bd. No. Owner or Batter

Other No. G28F Specific Location 734 663 5609 Year Built * 1959

Year Installed * 1959 Edit Manufacturer American Standard Construction Type * Mech Use * Hot Water

Boiler Type * Cast Method of Firing * Auto Fuel * Gas

Manhole * No Pressure Gauge Installed? * Yes Low Water Cutoff Type * None

Power Boiler Ht. Surface * 0 Min SV Rel Cap Required * 168000 MRSVC Based On * Stamp

Input BTU/HR 168000 Previous Pressure Allowed 30 Certificate Duration (MO) * 36

Cert Exp Date * 11/22/2014 Max Design Temp (HWH, HWS) 250 ASME Stamp * Unknown

* Required Field

[-] Inspection Details

Current Certificate Expires: 11/22/2014 Inspection Type: External C

Condition OK to Issue Cert. * Yes Inspection Date * 11/22/2011 Pressure Allowed * (30) 30

S.V. Tested (Y) Yes Rule 27 Complied * Yes Safety Valve Set At * (30) 30 Total Capac

* Required Field

[-] Object/Inspection Comments

Inspection Comments

25 ps/ 180 deg

Object Comments [Click here to change Object Comments](#)

USE: Hot Water Heat;; 5V SET: 30;; INSP AGENCY:STA; Boiler Type:Cast Iron; Boiler Use:Hot Water Heating

[-] Object History

[-] Scheduled Events for this Object

[edit](#) Recurring Cert - Next:11/22/2014

[-] Inspection History

- [View](#) 05/01/98 - Certificate External Inspection - Certificate Issued
- [View](#) 12/04/00 - Certificate External Inspection - Certificate Issued
- [View](#) 10/18/05 - Certificate External Inspection - Certificate Issued
- [View](#) 12/12/08 - Certificate External Inspection - Certificate Issued
- [View](#) 11/22/11 - Certificate External Inspection - Boiler Certificate - Certificate Issued

[-] Past Recommendations and Violations for this Object

No Record(s)

[-] Tests

No Record(s)

[-] Repairs

No Record(s)

WARNING: This page contains sensitive information. If you are not the intended recipient, please do not disseminate, distribute, or copy this information.

Submit Cancel Reset Preview Insp. Report What do you want to do...

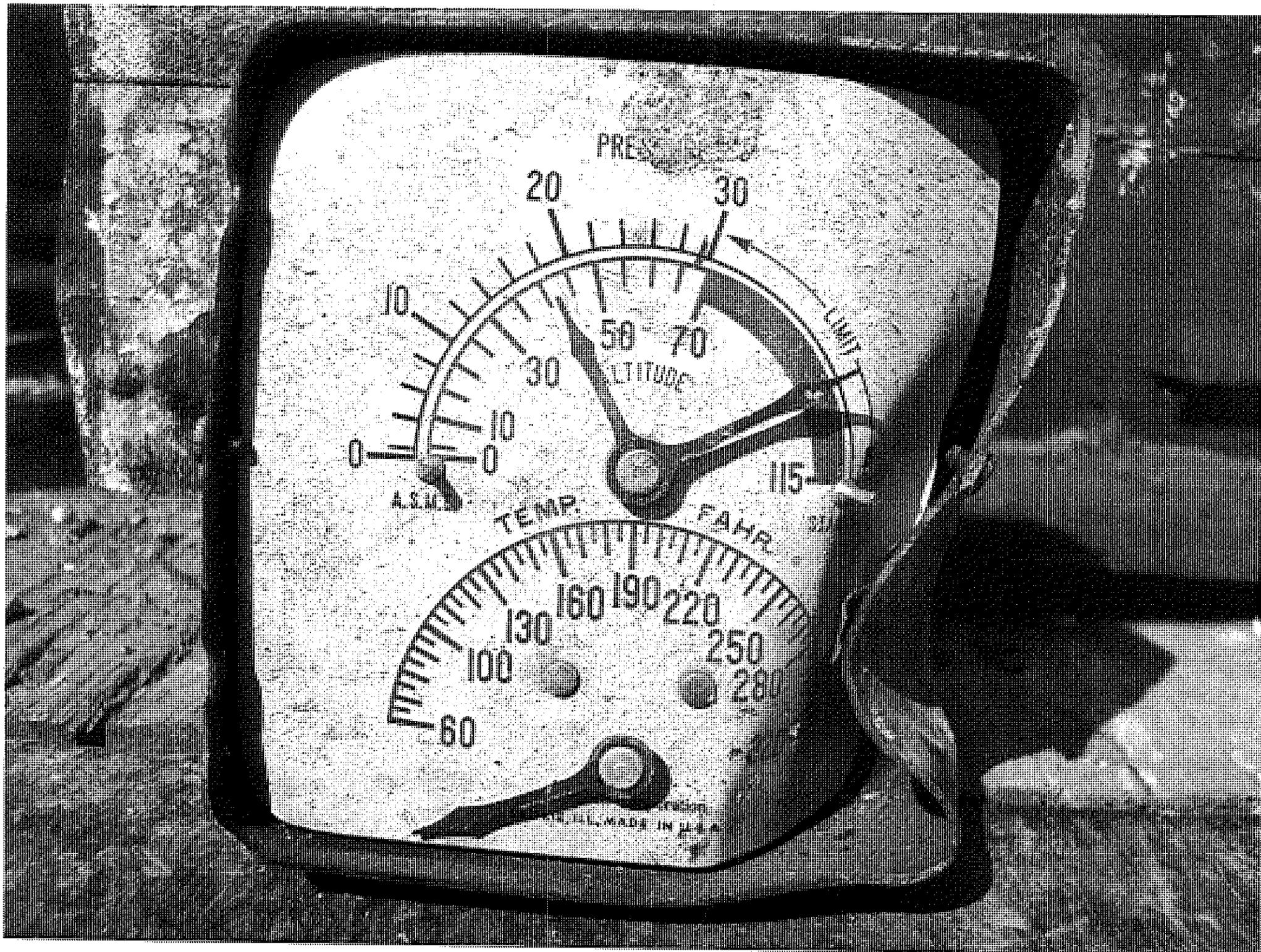


Boiler was removed before investigation

Picture from Outer







PRES

20

30

10

30

50

70

ALTITUDE

ASIA

TEMP

FAHR

15

50

100

130

160

190

220

250

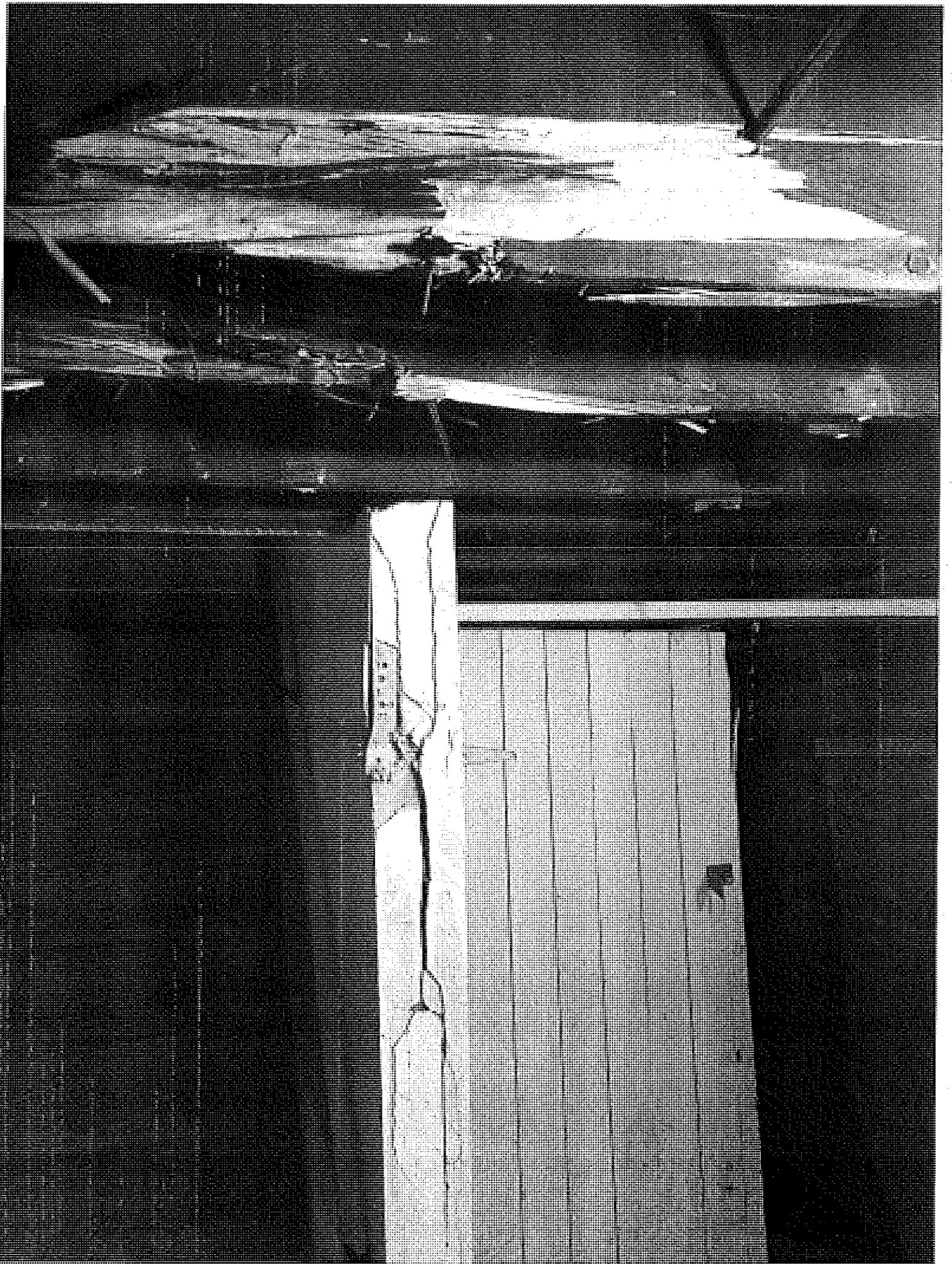
280

MADE IN U.S.A.



Wall
Blown out

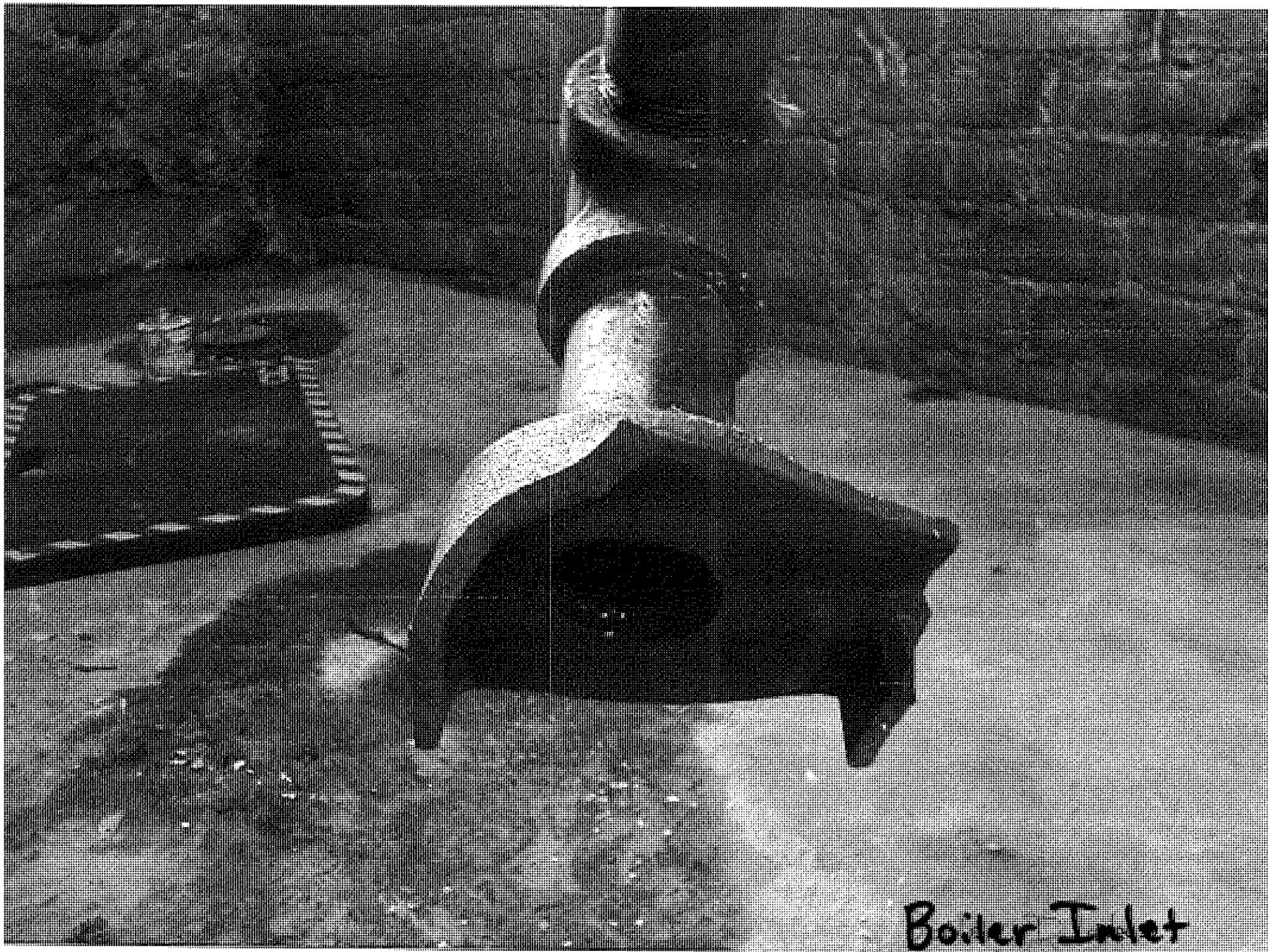




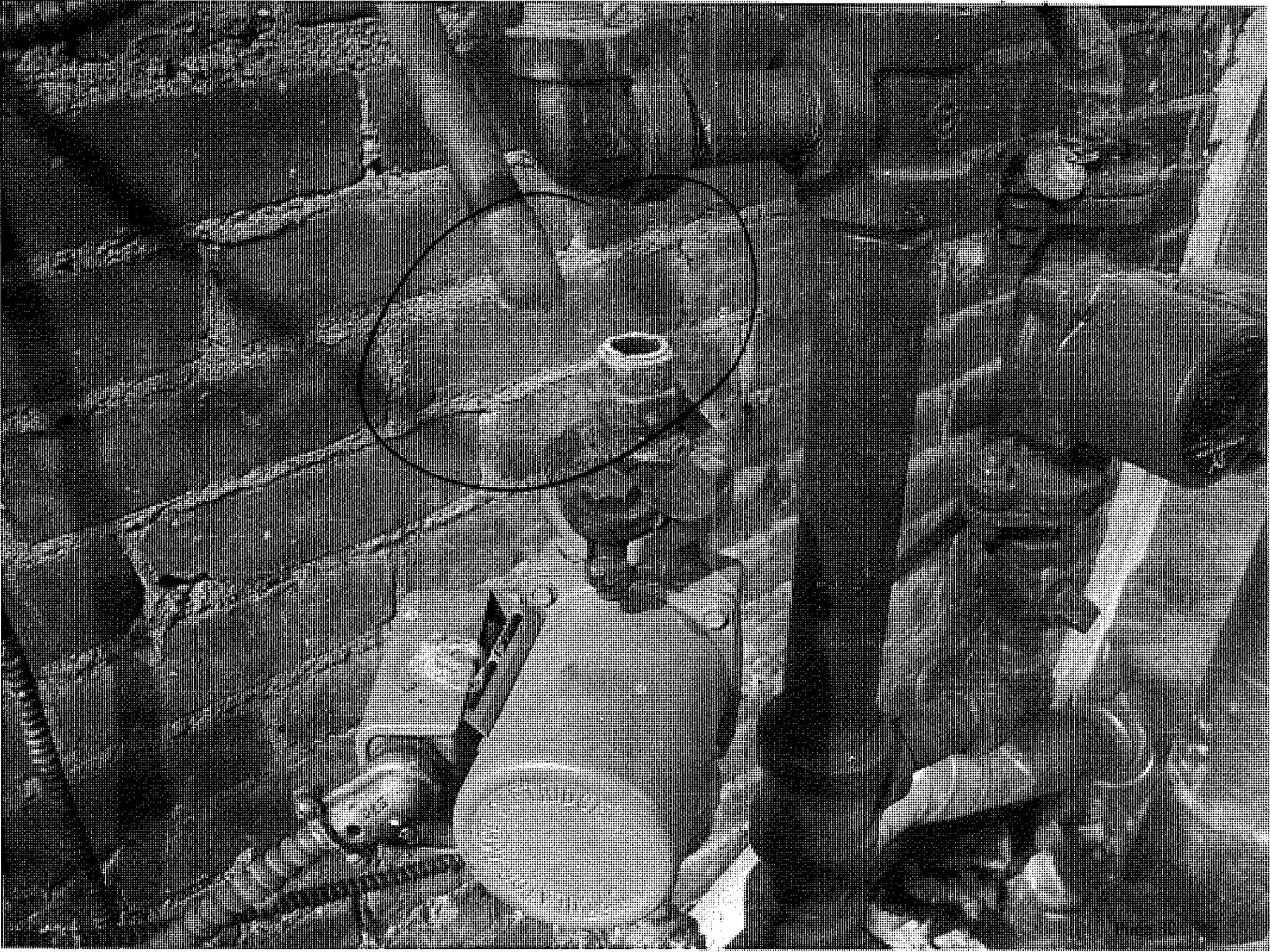
Wall outside

Cladding outside BR





Boiler Inlet



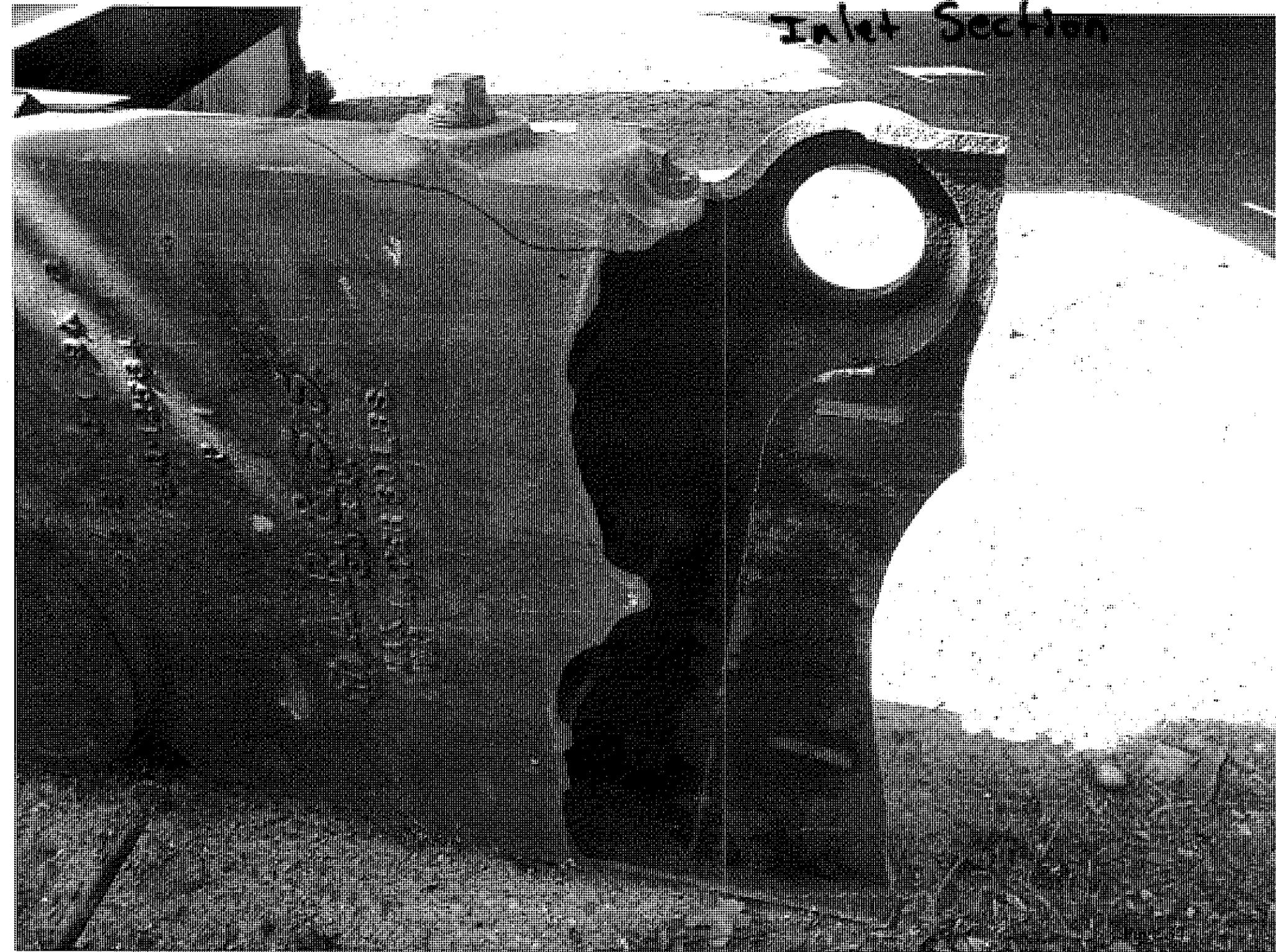
Plugged Piping







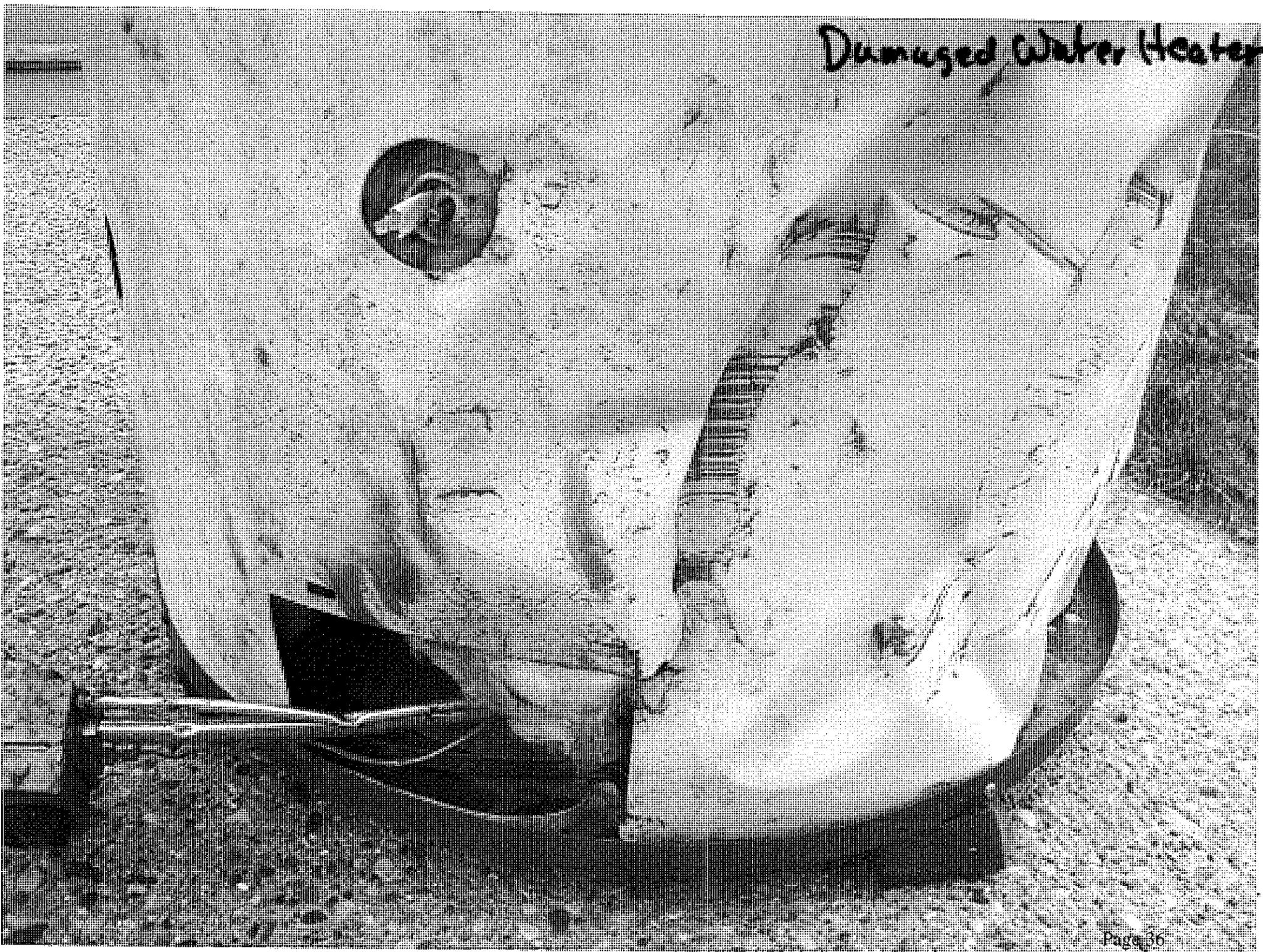
Inlet Section



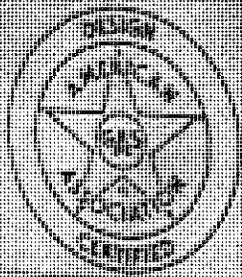


Damaged Water Heater

Damaged Water Heater



100177-000 REV. 3



CERTIFICATE OF FINAL APPROVAL

THIS Water Heater
HAS BEEN APPROVED FOR USE AT
THIS LOCATION.

ADDRESS 701 Catherine

DATE 12-11-96

PERMIT NO. 44811

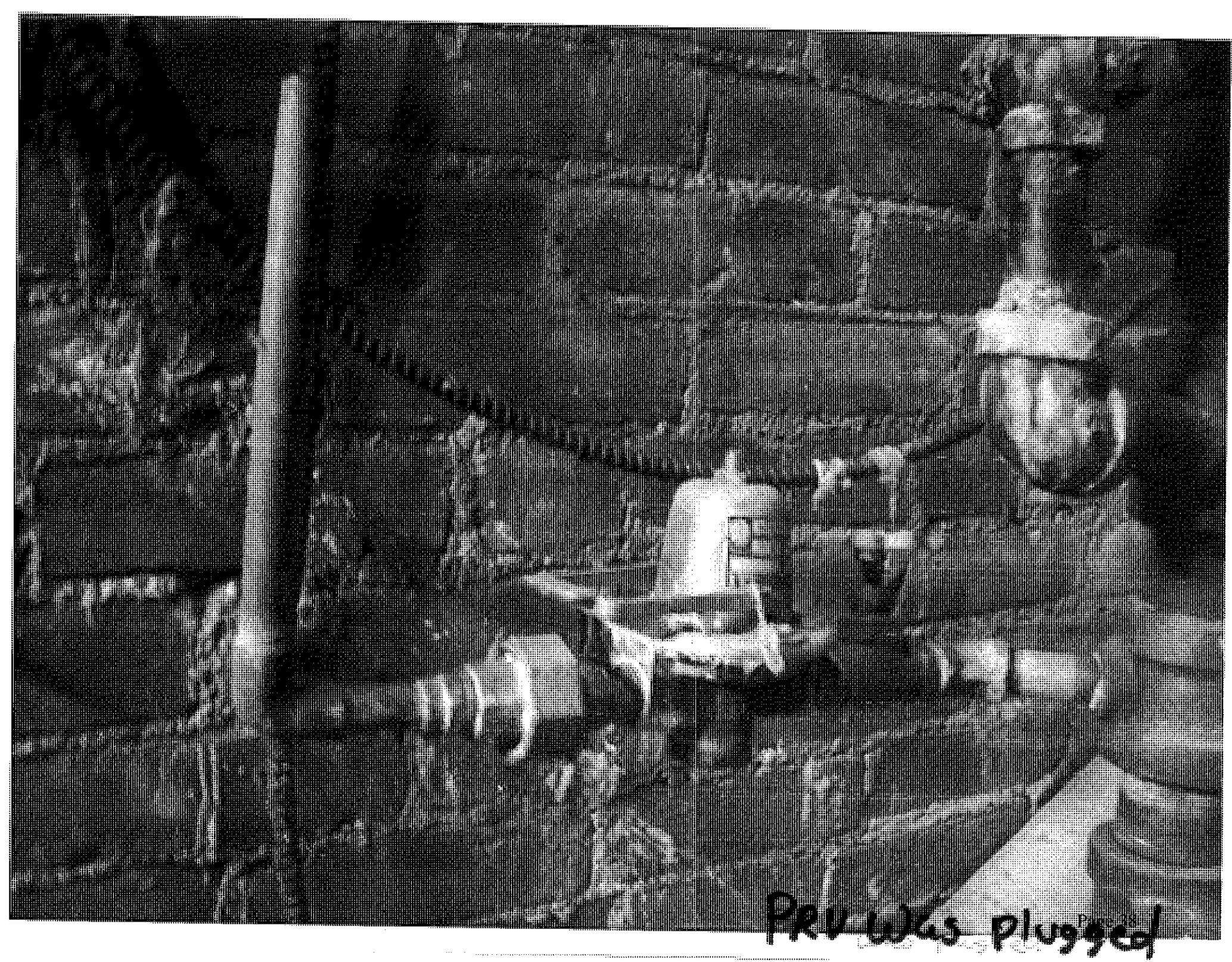
INSTALLATION BY Hugh P. [Signature]

INSPECTOR B. [Signature]

CITY OF ANN ARBOR
BUILDING DEPARTMENT

E-21 1/95

Damaged Water Heater



PRU was plugged



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

(Document BLR2014-9)

April 29, 2014

To: Members, Board of Boiler Rules
From: Mark Moore
Chief, Boiler Division
Subject: Violations Issued

Attached you will find the violation reports sent to the National Board. The report contains violations issued in Michigan by all inspectors for the first quarter of 2014. Violation totals consist of 3,133 for the State of Michigan and 3,177 for the insurance companies.

The report of violations issued in Michigan consists of 6,310 total inspections with 2,339 violations. Approximately 37 % of the inspections result in violations issued.

This signifies an increase from the last quarter of 6%.

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

**National
Board
Violation
Report**

Jurisdiction: State of Michigan
 Reporting Period: Q1 (Jan-Mar) Q2 (Apr-Jun) Q3 (Jul-Sep) Q4 (Oct-Dec) Year: 2014
 Start Date: 2014-01-01 End Date: 2014-03-31

Device Type Stamp	A. High Pressure / High Temperature Boilers S M E			B. Low Pressure Steam Boilers H	C. Hot Water Heating / Supply Boilers H	D. Pressure Vessels U UM		E. Potable Water Heaters HLW
	Total Inspections By Type							
Violation Category and Sub-Category								
1) SAFETY RELIEF DEVICES								
1.1 Inoperable	1	1	15	0	4			
1.2 Device Missing - Not Installed	2	0	2	0	0			
1.3 Improper Installation	2	2	79	0	7			
1.4 Leaking	0	2	30	0	3			
1.5 Incorrect Capacity	2	2	56	0	10			
1.6 Missing Nameplate	0	0	11	0	3			
1.7 Incorrect Set Pressure	0	0	0	0	0			
2) LOW WATER FUEL CUTOFFS / FLOW SENSING DEVICES								
2.1 Inoperable	0	0	0	0	0			
2.2 Device Missing - Not Installed	2	2	27	0	3			
2.3 Improper Installation	0	0	0	0	0			
2.4 No Manual Reset	3	0	36	0	0			
2.5 Sediment / Dirty / Leaking	0	0	0	0	0			
3) PRESSURE CONTROLS								
3.1 Inoperable	0	0	6	0	0			
3.2 Device Missing - Not Installed	0	4	0	0	0			
3.3 Improper Installation	0	0	0	0	0			
3.4 No Manual Reset	0	0	0	0	0			
4) TEMPERATURE CONTROLS - OPERATOR OR HIGH LIMIT								
4.1 Inoperable	0	0	0	0	0			
4.2 Device Missing - Not Installed	0	0	38	0	0			
4.3 Improper Installation	0	0	5	0	0			
4.4 No Manual Reset	0	0	31	0	0			
5) BURNER MANAGEMENT								
5.1 Flame Failure - Operating, Mgmt System	0	0	0	0	0			
5.2 Electrical Power Disconnect - Missing / Not Functioning	4	4	119	0	1			
5.3 Improper Installation	2	0	1	0	0			
5.4 Fuel Leaks	0	0	0	0	0			
5.5 Emer Shut Down Switch - Missing / Not Functioning	9	6	113	0	1			
5.6 Fuel Train Damaged	0	0	0	0	0			
5.7 Flame Impingement	0	0	0	0	0			
5.8 Improper Combustion Air	0	0	0	0	0			
6) LEVEL INDICATORS - GAGE GLASSES, BULLS EYES AND FIBER								
6.1 Inoperable	0	0	0	0	0			
6.2 Device Missing - Not Installed	0	0	0	0	0			
6.3 Improper Installation	0	1	0	0	0			
6.4 Leaking	0	0	0	0	0			
6.5 Internal Deposits	0	1	0	0	0			
7) PRESSURE / TEMPERATURE INDICATORS								
7.1 Damaged - Inoperable	0	0	0	0	0			
7.2 Device Missing - Not Installed	0	2	23	0	12			
7.3 Improper Installation	0	0	0	0	0			
7.4 Leaking	0	0	0	0	0			
7.5 Improper Size / Range	0	0	11	0	0			
8) PRESSURE-RETAINING ITEMS (PRI) / (BOILER, PIPING, PUMPS, SYSTEM VALVES, EXPANSION TANKS)								
8.1 Inoperable	0	0	0	0	0			
8.2 Item Missing - Not Installed	0	0	0	0	0			
8.3 Improper Installation	2	3	66	0	8			
8.4 Item Leaking	2	2	11	0	1			
8.5 Improper Repair / Alteration	1	0	0	0	0			
8.8 Materials Deficiencies	5	1	2	0	0			
8.7 Data or Nameplate - Missing or Damaged	4	4	91	0	0			
8.8 Non-ASME Code Vessel	1	0	2	0	3			
8.9 Inspection Certificate - Missing or Expired	41	81	591	3	51			
8.10 Testing Required	9	19	395	0	0			

MI Inspector Statistics

01/01/2014 thru 03/31/2014

Company	Inspector	Total No. of Inspections	Internal Boiler	External Boiler	Cert Inspections	Non-Cert Inspections	Fees	COS Boiler
Travelers	Mark Wheeler	14	3	11	14	0	840.00	0
Totals For Travelers		802	40	762	723	79	\$43,380.00	49
XL Insurance America, Inc.	Wayne Bunner	38	0	38	11	27	660.00	0
XL Insurance America, Inc.	Craig Nosel	21	5	16	14	7	840.00	0
Totals For XL Insurance America, Inc.		59	5	54	25	34	\$1,500.00	0
Zurich American Insurance Co	Benjamin Lawrence	82	20	62	67	15	4,020.00	8
Totals For Zurich American Insurance Co		82	20	62	67	15	\$4,020.00	8
Grand Totals		6,310	495	5,815	5,113	1,197	\$496,910.58	691

Violation Statistics

01/01/2014 thru 03/31/2014

Inspector	Total # of Violations		Total Opened		Total Opened		Total Opened		Total Closed		Total Closed		Total Closed	
	Opened	Closed	Blr. Cert	Blr. Non-cert	PV Cert	PV Non-cert	Blr. Cert	Blr. Non-cert	PV Cert	PV Non-cert	Blr. Cert	Blr. Non-cert	PV Cert	PV Non-cert
	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Grand Totals	2,339	2,811	1,117	1,222	0	0	1,251	1,560	0	0	0	0	0	0



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

March 11, 2014

To: Members, Board of Boiler Rules
From: Mark Moore, Chief, Boiler Division
Subject: The Dow Chemical Company
Michigan Operations, 539 Building, Midland Mi., 48667

A review was conducted on February 25, 2014 for purpose of determining The Dow Chemical Company's compliance with P.A. 290 in the conduct of repairs to their boilers and piping at its facilities in Midland, Michigan. Assistant Chief Dave Stenrose conducted the review in the presence of Tom Davis, Quality Assurance Manager for The Dow Chemical Company. The review was conducted in accordance with the attached Qualification Review Report.

Recommendations:

Based on review of the documentation and observations made during the above review and historical documentation on file with the boiler division, I am recommending a motion by the Board of Boiler Rules that the Section 23 exemption program for repairs to boilers and piping be granted to The Dow Chemical Company facilities for a period of three years to expire on February 25, 2017.

Any violations of the boiler law and rules during this period shall be cause for suspension of this exemption by the Chief Inspector. Re-instatement of the exemption may only be granted by the Board of Boiler Rules.

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

3. Authorized Inspection Agency. HSB Global
4. ASME Symbol Stamp(s) Held: (Symbol, Number, Expiration Date)
R, 3198, 2-21-2017; __, __, __; __, __, __;
5. National Board Symbol Stamp(s): (Symbol, Number, Exp. Date)
__, __, __; __,
6. Are the boilers and piping owned and operated by the applicant. Yes No
7. Type of code items to be repaired/installed.
Section I: Boilers Boiler external piping
Section IV: Boilers Boiler non-external piping
Safety Valves: Sec. I Section. IV Section. VIII
8. Where are repairs done?
Shop Field Shop and Field
9. Does the organization have the latest edition of the applicable Codes and Addenda and Boiler Law and Rules.
Section I Section IV Section. VIII
Section IX B31.3 NBIC
Michigan Boiler Law and Rules
10. Does the organization have a Quality Assurance Manual or Procedures for the work anticipated? Yes No
11. Does the organization have and maintain a maintenance record for each exempt boiler? Yes No
Hard copy on file with Dow, this information is not computerized.
12. How is Heat Treatment capability provided?
In-house Procedures Available Yes reviewed
Sub-contracted
13. How is Non-destructive examination capability provided?
In-house Procedures Available Yes reviewed
Sub-contracted

14. Does the QA Manual or Procedures provide for pressure tests?

Yes No Procedures Available Yes reviewed

15. What welding processes are used?

SMAW FLUX CORE GMAW GTAW

16. Are appropriate welding procedures available and qualified to ASME Code Section IX?

Yes No

17. Is evidence available that welders are qualified to procedures?

Yes No

17a. Is a Continuity Log maintained?

Yes No

18. Are welders regular employees?

Yes No

19. Does the organization have procedures to control the procurement and handling of code materials?

Yes No

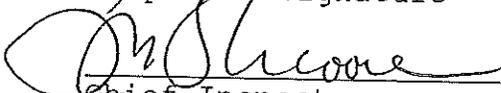
20. Should this organization be granted a Section 23 exemption?

Yes No



Inspector Signature

3/11/2014
Date



Chief Inspector

3-11-2014
Date

Chair, Boiler Board

Date



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

BOILER DIVISION ATTENDANCE SHEET

Review Audit Other

Company: THE DOW CHEMICAL COMPANY

Address: MICHIGAN OPERATIONS, 539 BUILDING, MIDLAND MI. 48667

Date: 2-25-2014

Print Name	Print Title	Signature	Organization
Tom Davis	Quality Assurance Manager		The Dow Chemical Co.
Chuck Williams	Senior Boiler Inspector		State of Mi. observer
Jerry Kesow	Deputy State Boiler Insp		State of Mi. observer
John Heard	PCE MANAGER		The Dow Chemical Co.
CHARLIE HYATT	WELDING SME		The Dow Chemical Co.
DAVE STENROSE	ASSISTANT CHIEF BOILER DIVISION		STATE OF MICHIGAN

S:Boiler/Forms/Attendance sheet 6-13.doc

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

March 27, 2014

To: Members, Board of Boiler Rules
From: Mark Moore, Chief, Boiler Division
Subject: Consumers Energy Company
17000 Croswell St., West Olive Mi., 49460

A review was conducted on March 27, 2014 for purpose of determining The Consumers Energy Company's compliance with P.A. 290 in the conduct of repairs to their boilers and piping at its facilities in West Olive, Michigan. Assistant Chief Dave Stenrose conducted the review in the presence of Steve Worrell, Principal Engineer, Stationary Equipment (ESD) and Garrett Jackson Boiler Specialist, both of Consumers Energy Company. The review was conducted in accordance with the attached Qualification Review Report.

Recommendations:

Based on review of the documentation and observations made during the above review and historical documentation on file with the boiler division, I am recommending a motion by the Board of Boiler Rules that the Section 23 exemption program for repairs to boilers and piping be granted to Consumers Energy Company facilities for a period of three years to expire on January 4, 2017.

Any violations of the boiler law and rules during this period shall be cause for suspension of this exemption by the Chief Inspector. Re-instatement of the exemption may only be granted by the Board of Boiler Rules.

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

3. Authorized Inspection Agency. FM Global
4. ASME Symbol Stamp(s) Held: (Symbol, Number, Expiration Date)
 ___/___/___; ___/___/___; ___/___/___;
5. National Board Symbol Stamp(s): (Symbol, Number, Exp. Date)
 ___/___/___;
6. Are the boilers and piping owned and operated by the applicant. Yes X No _____
7. Type of code items to be repaired/installed.
 Section I: Boilers X Boiler external piping X
 Section IV: Boilers _____ Boiler non-external piping X
 Safety Valves: Sec. I _____ Section. IV _____ Section. VIII X
8. Where are repairs done?
 Shop _____ Field _____ Shop and Field X
9. Does the organization have the latest edition of the applicable Codes and Addenda and Boiler Law and Rules.
 Section I X Section IV _____ Section. VIII X
 Section IX X B31.1 X NBIC X
 B31.3 X Michigan Boiler Law and Rules X
10. Does the organization have a Quality Assurance Manual or Procedures for the work anticipated? Yes X No _____
11. Does the organization have and maintain a maintenance record for each exempt boiler? Yes X No _____
12. How is Heat Treatment capability provided?
 In-house _____ Procedures Available X
 Sub-contracted X
13. How is Non-destructive examination capability provided?
 In-house V.T. only Procedures Available X
 Sub-contracted X
 Audited pre-approved Level III Corporate NDE Department

14. Does the QA Manual or Procedures provide for pressure tests?

Yes _____ No X _____ Procedures Available _____
Low pressure air/water leak test per NBIC and approval of
Authorized Inspection Agency.

15. What welding processes are used?

SMAW X GTAW X Flux Core X

16. Are appropriate welding procedures available and qualified to ASME Code Section IX?

Yes X No _____

17. Is evidence available that welders are qualified to procedures?

Yes X No _____

17a. Is a Continuity Log maintained?

Yes X No _____

18. Are welders regular employees?

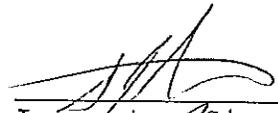
Yes X No _____

19. Does the organization have procedures to control the procurement and handling of code materials?

Yes X No _____

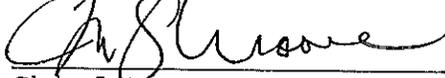
20. Should this organization be granted a Section 23 exemption?

Yes X No _____



Inspector Signature

4/1/2014
Date



Chief Inspector

4-22-2014
Date

Chair, Boiler Board

Date



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVE ARWOOD
DIRECTOR

(Document BLR2014-12)

April 24, 2014

To: Members, Board of Boiler Rules

From: Mark Moore
Chief, Boiler Division

Subject: Verso Paper Corporation, Quinnesec facility request for 24 month internal inspection frequency.

Dear Members:

Verso Paper Corporation has requested a 24 month internal frequency for the boiler MIR342395.

I have attached the request and Verso Paper Corporation's **Number 1 Recovery Boiler Internal Inspection Interval** program which incorporates the 24 month internal inspection requirements as established by the Boiler Board. I have also attached the inspection/insurance agency letter concurring with the request.

Based on information submitted for this request I am recommending a motion by the Board of Boiler Rules for the inspection certificate frequency for subject boiler be 24 months commencing with the next internal certificate inspection of boiler MIR342395.

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



Verso Paper Corp.
Quinnesec Mill
P.O Box 241
Norway, MI 49876

March 28th, 2014

Attn: Mr. Mark Moore
Bureau of Construction Codes - Boiler Division
P.O Box 30254
Lansing, MI 48909

RE: Request for 24 month Internal Inspection for Boiler MIR342395

Dear Mr. Moore,

As the designated representative for the Verso Paper, Quinnesec Mill, I would like to confirm that Boiler ID Michigan State #R342395, commonly referred to as the Waste Fuel boiler, has been recommended for a 24 month internal inspection frequency as described in Regulation R408.4058. This boiler was manufactured by B&W; installation began in 1982 and the boiler was commissioned in 1985.

The enclosed document explains Quinnesec's program that satisfies specific requirements of Regulation R408.4058 .

If there is any additional information you feel would assist in clarifying any concern regarding this request, please contact me.

Respectfully,

A handwritten signature in black ink, appearing to read 'Alex Clavarie', is written over a horizontal line.

Alex Clavarie
Manager of Recovery and Utilities
Verso – Quinnesec Mill
906-779-3350
CC: Ms. Cindy Elliot, FM Account Manager

Verso simple.™



Factory Mutual Insurance Company
5700 Granite Parkway, Suite 700
Plano, TX 75024 USA
T: 972 377 4808 F: 972 731 1800 www.fmglobal.com

March 20, 2014

Mr. Don Nurmela
Recovery & Utilities Engineer
Verso Paper Holdings, LLC
3 Miles South of Iron Mountain
Quinnesec, MI

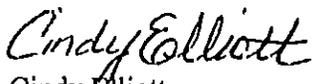
Reference: Waste Fuel Boiler Extended Operating Interval
Account No. 01-52426
Index No. 59797.00
State of Michigan Boiler MIR342395

Dear Don:

In response to your request for confirmation of FM Global's support of 24 month operation of your Waste Fuel Boiler at the Quinnesec, MI Mill, I have attached two FM Global Data Sheets. These Data Sheets indicate that FM Global supports 24-month operation of these boilers provided they are properly maintained and leaves the decision on 24-month operation to our loss prevention consultant (Matt Wouters), the Jurisdiction (if any) and the owner. Given thorough consideration of our standards, we have assessed and consistently supported 24-month operation for the boilers at Verso in Quinnesec.

Please feel free to call me or Dave Lang if there are any questions.

Regards,


Cindy Elliott
Senior Account Manager

Cc: FM Global, Plano, Tx
Mr. Kevin Bradshaw
Mr. Dave Johnson
Mr. Dave Rotchadl
Mr. Scott Crysel
Mr. Dave Lang
Mr. Clint Farrell
Mr. Mike Kern
Mr. Matt Wouters
Mr. Mark Machut

Verso Paper
Mr. Alex Claverie
Mr. David Sams
Mr. Majed Ja'arah
Mr. Michael Naumann