

Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500-SF.	OMB Nos. 1210-0110 1210-0089 2014 This Form is Open to Public Inspection
---	--	---

Part I Annual Report Identification Information	
For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014	
A This return/report is for: <div> ☒ a single-employer plan ☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions) </div>	
B This return/report is <div> ☐ a one-participant plan ☐ a foreign plan </div>	
<div> ☐ the first return/report ☐ the final return/report </div>	
<div> ☐ an amended return/report ☐ a short plan year return/report (less than 12 months) </div>	
C Check box if filing under: <div> ☒ Form 5558 ☐ automatic extension ☐ DFVC program </div>	
<div> ☐ special extension (enter description) </div>	

Part II Basic Plan Information —enter all requested information	
1a Name of plan THOMPSON HEATING CORPORATION DEFINED BENEFIT PLAN	1b Three-digit plan number (PN) ▶ 002
	1c Effective date of plan 01/01/2010
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) THOMPSON HEATING CORPORATION 6 N. COMMERCE PARK DRIVE CINCINNATI, OH 45215	2b Employer Identification Number (EIN) 31-0467180 2c Sponsor's telephone number 513-333-4357 2d Business code (see instructions) 238220
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report. a Sponsor's name	4b EIN 4c PN
5a Total number of participants at the beginning of the plan year	5a 40
b Total number of participants at the end of the plan year	5b 40
c Number of participants with account balances as of the end of the plan year (defined benefit plans do not complete this item)	5c
d(1) Total number of active participants at the beginning of the plan year	5d(1) 31
d(2) Total number of active participants at the end of the plan year	5d(2) 21
e Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	5e 10

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.			
Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.			
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2015	WESLEY HOLM
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
Preparer's name (including firm name, if applicable) and address (include room or suite number) (optional)			Preparer's telephone number (optional)

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	1141681	1121483
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	1141681	1121483
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	0	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	9121	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		9121
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	18879	
e Certain deemed and/or corrective distributions (see instructions)	8e	0	
f Administrative service providers (salaries, fees, commissions)	8f	10440	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		29319
i Net income (loss) (subtract line 8h from line 8c)	8i		-20198
j Transfers to (from) the plan (see instructions)	8j	0	

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 3D 1I
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)		☒	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)		☒	
c Was the plan covered by a fidelity bond?	☒		250000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	☒		10440
f Has the plan failed to provide any benefit when due under the plan?		☒	
g Did the plan have any participant loans? (If "Yes," enter amount as of year end.)		☒	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3			

Part VI Pension Funding Compliance

- 11** Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below) ☒ Yes ☐ No
- 11a** Enter the unpaid minimum required contribution for current year from Schedule SB (Form 5500) line 39 **11a** 0
- 12** Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? .. ☐ Yes ☒ No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)
- a** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year.....	12b	
c Enter the amount contributed by the employer to the plan for this plan year	12c	
d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount).....	12d	
e Will the minimum funding amount reported on line 12d be met by the funding deadline?.....	☐ Yes ☐ No ☐ N/A	

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year?	☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year	13a
b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐ Yes ☒ No
c If during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)	
13c(1) Name of plan(s):	13c(2) EIN(s)
	13c(3) PN(s)

Part VIII Trust Information (optional)

14a Name of trust	14b Trust's EIN

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</div> <div>File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2014</div> <div>This Form is Open to Public Inspection</div>
--	---	--

For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014	
Round off amounts to nearest dollar.	
Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan THOMPSON HEATING CORPORATION DEFINED BENEFIT PLAN	B Three-digit plan number (PN) 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF THOMPSON HEATING CORPORATION	D Employer Identification Number (EIN) 31-0467180
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 12 Day 31 Year 2014			
2	Assets:			
a	Market value	2a	1121483	
b	Actuarial value	2b	1121483	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	0	0	0
b	For terminated vested participants	19	132699	132699
c	For active participants	21	633344	818051
d	Total	40	766043	950750
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	6.80%	
6	Target normal cost	6	0	

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		07/31/2015
	Signature of actuary	Date
JASON CAO	Type or print name of actuary	14-07282
		Most recent enrollment number
PENSION SERVICES, INC.	Firm name	305-595-5500
		Telephone number (including area code)
3150 SW 38 AVENUE, SUITE 900 MIAMI, FL 33146	Address of the firm	

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>3.98</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		95494
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.97</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		95494
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages		
14 Funding target attainment percentage	14	117.95 %
15 Adjusted funding target attainment percentage	15	117.95 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	151.94 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:		
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:			
a Segment rates:	1st segment: 4.99 %	2nd segment: 6.32 %	3rd segment: 6.99 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 0
22 Weighted average retirement age			22 62
23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....		31a	0
b Excess assets, if applicable, but not greater than line 31a		31b	0
32 Amortization installments:		Outstanding Balance	Installment
a Net shortfall amortization installment.....		0	0
b Waiver amortization installment		0	0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	0
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..		34	0
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0
36 Additional cash requirement (line 34 minus line 35).....		36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....		37	0
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected		☐ 2 plus 7 years	☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made		☐ 2008	☐ 2009 ☐ 2010 ☐ 2011
42 Amount of acceleration adjustment		42	
43 Excess installment acceleration amount to be carried over to future plan years		43	

Form 5500-SFDepartment of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Short Form Annual Return/Report of Small Employee
Benefit Plan**This form is required to be filed under sections 104 and 4065 of the Employee Retirement
Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal
Revenue Code (the Code).OMB Nos. 1210-0110
1210-0089**2014****This Form is Open to
Public Inspection**▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.****Part I Annual Report Identification Information**For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014

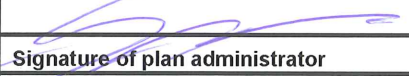
- A** This return/report is for: ☒ a single-employer plan ☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions)
- ☐ a one-participant plan ☐ a foreign plan
- B** This return/report is ☐ the first return/report ☐ the final return/report
- ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
- C** Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ DFVC program
- ☐ special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan Thompson Heating Corporation Defined Benefit Plan		1b Three-digit plan number (PN) ▶ <u>002</u>
		1c Effective date of plan <u>01/01/2010</u>
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) Thompson Heating Corporation 6 N. Commerce Park Drive Cincinnati OH 45215		2b Employer Identification Number (EIN) <u>31-0467180</u>
		2c Sponsor's telephone number (513) <u>333-4357</u>
		2d Business code (see instructions) <u>238220</u>
3a Plan administrator's name and address ☒ Same as Plan Sponsor.		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report.		4b EIN
a Sponsor's name		4c PN
5a Total number of participants at the beginning of the plan year	5a	<u>40</u>
b Total number of participants at the end of the plan year	5b	<u>40</u>
c Number of participants with account balances as of the end of the plan year (defined benefit plans do not complete this item)	5c	
d(1) Total number of active participants at the beginning of the plan year	5d(1)	<u>31</u>
d(2) Total number of active participants at the end of the plan year	5d(2)	<u>21</u>
e Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	5e	<u>10</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		<u>10/6/15</u>	Wesley Holm
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		<u>10/6/15</u>	Wesley Holm
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
Preparer's name (including firm name, if applicable) and address (include room or suite number) (optional)			Preparer's telephone number (optional)

**SCHEDULE SB
(Form 5500)**Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2014**This Form is Open to Public
Inspection**For calendar plan year 2014 or fiscal plan year beginning 01/01/2014 and ending 12/31/2014▶ **Round off amounts to nearest dollar.**▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.**A** Name of planThompson Heating Corporation Defined Benefit Plan**B** Three-digit
plan number (PN) ▶002**C** Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SFThompson Heating Corporation**D** Employer Identification Number (EIN)31-0467180**E** Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B**F** Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500**Part I Basic Information****1** Enter the valuation date: Month 12 Day 31 Year 2014**2** Assets:

	2a	2b
a Market value	<u>1,121,483</u>	
b Actuarial value		<u>1,121,483</u>

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment.....	<u>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants.....	<u>19</u>	<u>132,699</u>	<u>132,699</u>
c For active participants.....	<u>21</u>	<u>633,344</u>	<u>818,051</u>
d Total.....	<u>40</u>	<u>766,043</u>	<u>950,750</u>

4 If the plan is in at-risk status, check the box and complete lines (a) and (b). ☐

	4a	4b
a Funding target disregarding prescribed at-risk assumptions		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor		

5 Effective interest rate **5** 6.80 %**6** Target normal cost **6** 0**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

**SIGN
HERE**Jason Cao

Signature of actuary

07/31/2015

Date

Jason Cao

Type or print name of actuary

14-07282

Most recent enrollment number

Pension Services, Inc.

Firm name

(305) 595-5500

Telephone number (including area code)

3150 SW 38 Avenue, Suite 900Miami FL 33146

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2014
v. 140124

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>3.98%</u>	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		95494
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.97%</u>		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		95494
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	117.95 %
15	Adjusted funding target attainment percentage	15	117.95 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	151.94 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c)
				0	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 0
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.99 %2nd segment:
6.32 %3rd segment:
6.99 %☐ N/A, full yield curve used**b** Applicable month (enter code).....**21b**

0

22 Weighted average retirement age**22**

62

23 Mortality table(s) (see instructions) ☒ Prescribed - combined☐ Prescribed - separate☐ Substitute**Part VI Miscellaneous Items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... ☐ Yes ☒ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... ☐ Yes ☒ No**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment..... ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years**28**

0

29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....**29**

0

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)**30**

0

Part VIII Minimum Required Contribution For Current Year**31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6).....**31a**

0

b Excess assets, if applicable, but not greater than line 31a**31b**

0

32 Amortization installments:**a** Net shortfall amortization installment

Outstanding Balance

Installment

0

0

b Waiver amortization installment.....

0

0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount**33**

0

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)**34**

0

35 Balances elected for use to offset funding requirement.....

Carryover balance

Prefunding balance

Total balance

0

0

0

36 Additional cash requirement (line 34 minus line 35)**36**

0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....**37**

0

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

0

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances**38b**

0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)**39**

0

40 Unpaid minimum required contributions for all years**40**

0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)**41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected☐ 2 plus 7 years☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made☐ 2008☐ 2009☐ 2010☐ 2011**42** Amount of acceleration adjustment**42****43** Excess installment acceleration amount to be carried over to future plan years**43**

Attachment to 2014 Form 5500
Schedule SB, line 22 - Description of Weighted Average Retirement Age

Plan Name Thompson Heating Corporation Defined Benefit Plan **EIN:** 31-0467180
Plan Sponsor's Name Thompson Heating Corporation **PN:** 002

The weighted average retirement age is equal to the normal retirement age of 62.

List the rate of retirement at each age and describe the methodology used to compute the weighted average retirement age, including a description of the weight applied at each potential retirement age.

The weighted average retirement age is 62.

YEARS OF CREDITED SERVICE

Attained Age	Under 1		1 To 4		5 To 9		10 To 14		15 To 19		20 To 24		25 To 29		30 To 34		35 To 39		40 & Up	
	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 to 29	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 to 34	0	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 39	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 to 44	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
60 to 64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 to 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 & Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Name of plan: Thompson Heating Corporation Defined Benefit Plan

Plan sponsor's name: Thompson Heating Corporation

Plan number: 002

EIN: 31-0467180

Schedule SB, Part V - Statement of Actuarial Assumptions

Target Assumptions:

Male Nonannuitant: 2014 Nonannuitant Male
 Female Nonannuitant: 2014 Nonannuitant Female
 Male Annuitant: 2014 Annuitant Male
 Female Annuitant: 2014 Annuitant Female

Applicable months from valuation month: 0
 Probability of lump sum: 0.00%
 Use pre-retirement mortality: No

	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Segment rates:	1.20	4.10	5.20
High Quality Bond rates:	N/A	N/A	N/A
Final rates:	4.99	6.32	6.99
Override:	0.00	0.00	0.00

Salary Scale

Male: 0.00%
 Female: 0.00%

Withdrawal

Male: None
 Female: None

Withdrawal-Select

Male: None
 Female: None

Early Retirement Rates

Male: None
 Female: None

Subsidized Early Retirement Rates

Male: None
 Female: None

Options:

Use optional combined mortality table for small plans: No
 Use discount rate transition: No
 Lump sums use proposed regulations: Yes

Actuarial Equivalent Floor

Stability period: plan year
 Lookback months: 1
 Nonannuitant: None
 Annuitant: 2014 Applicable

	<u>1st</u>	<u>2nd</u>	<u>3rd</u>
Current:	1.25	4.57	5.60
Override:	0.00	0.00	0.00

Late Retirement Rates

Male: None
 Female: None

Marriage Probability

Male: 0.00%
 Female: 0.00%
 Expense loading: 0.00%

Setback

0

Disability Rates

Male: None
 Female: None

Mortality

Male: None
 Female: None

Setback

0

0

Name of Plan: Thompson Heating Corporation D
 Plan Sponsor's EIN: 31-0467180
 Plan Number: 002

Schedule SB, Part V - Summary of Plan Provisions

Eligibility Requirements

Age (yrs) : 21
 Age (months) : 0
 Wait (months) : 12
 Two year eligibility : No

Service/Participation Requirements

Definition of years: Hours worked
 Continuing hours: 1,000
 Excluded classes: Other

Earnings

Total compensation excluding :
 403(b)
 Cafeteria
 Other
 Prior to participation
 415 prior to participation

<u>Retirement</u>	<u>Normal</u>	<u>Early</u>	<u>Subsidized Early</u>	<u>Disability</u>	<u>Death</u>
Age:	62				21
Service:	0				0
Participation:	5				0
Defined:	Date of event				1st of month during

Benefit Reduction / Mortality table & setback

Male:	Actuarial Equivalence	Actuarial Equivalence	None	0
Female:	Actuarial Equivalence	Actuarial Equivalence	None	0
Rates - Male:	None	None	None	
Rates - Female:	None	None	None	

Use Social Security Retirement Age:	No	REACT Benefits Percentage:	50.00%
Vesting Schedule:	2/20	Pre-retirement death benefit	
Vesting Definition:	Hours Worked	Percentage of accrued benefit:	100.00%
		Death Benefit Payment method:	Face + PVAB - Curr. CV

	<u>Annuity</u>	<u>Percent</u>	<u>Years</u>
Normal:	Life only	0.00%	0
QJSA:	Joint and contingent	50.00%	0

Significant Changes in Plan Provisions Since Last Valuation

Name of Plan: Thompson Heating Corporation Defined Benefit Plan
 Plan Sponsor's EIN: 31-0467180
 Plan Number: 002

Schedule SB, Part V - Summary of Plan Provisions

Benefits

Pension Formula:	Plan Formula		
Type of Formula:	Unit benefit non-integrated		
Effective Date:	01/01/2010		
 Unit type:	 Percent		
Unit based on:	Accrual		
Maximum total percent:	0.00%		
Tiers based on:	None		
First tier:	7.00%	for 1st	None
Second tier:	None	for next	None
Third tier:	None	for remaining yrs	
 Maximum credit:			
Past years:	99		
Future years:	99		
Total years:	9		

Averaging

Projection method:	Current Compensation	Apply exclusion to accrued benefit:	No
Based on:	Final Average	Annualize short compensation years:	No
Highest:	3	Annualize short plan years:	No
In the last:	99	Include compensations based	
Excluding:	0	on years of:	Accrual

Accrual

Frozen:	Yes					
Definition of years:	Hours worked					Fractions based on: N/A
 Accrual credit:	<u>Continuing</u>	<u>Died</u>	<u>Disabled</u>	<u>Retired</u>	<u>Terminated</u>	Precision: N/A
	1000	1000	1000	1000	1000	Limit current credit to: N/A
 Years based on:	Participation					Cap/floor years: 0
Maximum past accrual years:	0.0000					Cap or floor: Floor
Method:	Unit accrual					Accrual % per year: 0.00%
						Apply 415 before accrual: No

Name of Plan: Thompson Heating Corporation Defined Benefit Plan
Plan Sponsor's EIN: 31-0467180
Plan Number: 002

This attachment is to certify that the plan is underfunded for the plan year ending 12/31/2014.

The total present value as of 12/31/2014 is \$1,325,619. The plan's asset value as of 12/31/2014 is \$1,121,483. The plan's asset value as of 12/31/2014 is smaller than the total present value. Therefore, the plan is underfunded for the plan year ending 12/31/2014.

Schedule SB, line 26 - Schedule of Active Participant Data

YEARS OF CREDITED SERVICE

Attained Age	Under 1		1 To 4		5 To 9		10 To 14		15 To 19		20 To 24		25 To 29		30 To 34		35 To 39		40 & Up	
	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp	No.	Avg. Comp
Under 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 to 29	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 to 34	0	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 to 39	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 to 44	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 to 49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 to 59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
60 to 64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 to 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 & Up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Name of plan: Thompson Heating Corporation Defined Benefit Plan
Plan sponsor's name: Thompson Heating Corporation
Plan number: 002
EIN: 31-0467180

Attachment to 2014 Form 5500
Schedule SB, line 22 - Description of Weighted Average Retirement Age

Plan Name <u>Thompson Heating Corporation Defined Benefit Plan</u>	EIN: <u>31-0467180</u>
Plan Sponsor's Name <u>Thompson Heating Corporation</u>	PN: <u>002</u>

The weighted average retirement age is equal to the normal retirement age of 62 .

List the rate of retirement at each age and describe the methodology used to compute the weighted average retirement age, including a description of the weight applied at each potential retirement age.

The weighted average retirement age is 62.