

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 2016 This Form is Open to Public Inspection	
Part I Annual Report Identification Information					
For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016					
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 PENSION PLAN FOR EMPLOYEES OF TYLINTER, INC. REPRESENTED BY THE UNITED STEELWORKERS OF AMERICA AFL-CIO ON BEHALF OF LOCAL 8573			1b Three-digit plan number (PN) ▶		004
			1c Effective date of plan		08/28/1969
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) TYLINTER, INC. 8570 TYLER BOULEVARD MENTOR, OH 44060			2b Employer Identification Number (EIN)		34-0826607
			2c Sponsor's telephone number		440-255-9132
			2d Business code (see instructions)		332900
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		39
b Total number of participants at the end of the plan year			5b		38
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)			5c		
d(1) Total number of active participants at the beginning of the plan year			5d(1)		12
d(2) Total number of active participants at the end of the plan year			5d(2)		8
e Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested			5e		0
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.	10/11/2017	STACEY BARBE		
	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)				Preparer's telephone number	

- 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	880847	916563
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	880847	916563
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	55000	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	46262	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		101262
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	61703	
e Certain deemed and/or corrective distributions (see instructions) ..	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	3843	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		65546
i Net income (loss) (subtract line 8h from line 8c)	8i		35716
j Transfers to (from) the plan (see instructions)	8j		

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:
1B 1I 3D
- 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	N/A	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)	10a		X		
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X		
c Was the plan covered by a fidelity bond?	10c	X			1000000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X		
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.)	10e		X		
f Has the plan failed to provide any benefit when due under the plan?	10f		X		
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X		
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h				
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	10i				

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 contributions for all years from Schedule SB (Form 5500) line 40	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

14a Name of trust	14b Trust's EIN
14c Name of trustee or custodian	14d Trustee's or custodian's telephone number

Part IX IRS Compliance Questions

15a Is the plan a 401(k) plan? If "No," skip b.	☐ Yes ☐ No
15b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
16a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
16b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
17a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter ____/____/____ and the serial number _____.	
17b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter ____/____/____.	
18 Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	☐ Yes ☐ No
19 Was any plan participant a 5% owner who had attained at least age 70 ½ during the prior plan year?	☐ Yes ☐ No

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department 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 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

▶ **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 <u>PENSION PLAN FOR EMPLOYEES OF TYLINTER, INC. REPRESENTED BY THE UNITED STEELWORKERS OF AMERICA AFL-CIO ON BEHALF OF LOCAL 8573</u>	B Three-digit plan number (PN) ▶ <u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>TYLINTER, INC.</u>	D Employer Identification Number (EIN) <u>34-0826607</u>
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 <u>01</u> Day <u>01</u> Year <u>2016</u>	
2 Assets:	
a Market value	2a <u>879999</u>
b Actuarial value	2b <u>967999</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants <u>17</u> (2) Vested Funding Target <u>435109</u> (3) Total Funding Target <u>435109</u>
b For terminated vested participants	<u>10</u> <u>197617</u> <u>197617</u>
c For active participants	<u>12</u> <u>192195</u> <u>203565</u>
d Total	<u>39</u> <u>824921</u> <u>836291</u>
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 <u>6.03 %</u>
6 Target normal cost	6 <u>12538</u>

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		<u>09/19/2017</u>
	Signature of actuary	Date
<u>THOMAS E. PALMER</u>	Type or print name of actuary	<u>17-05892</u>
		Most recent enrollment number
<u>TOWERS WATSON DELAWARE INC.</u>	Firm name	<u>704-620-6542</u>
<u>150 NORTH COLLEGE STREET, STE. 3050</u>		Telephone number (including area code)
<u>CHARLOTTE, NC 28202</u>	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, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2016
v. 160205

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>-6.28</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)		60623
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>6.23</u> %		3777
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		64400
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	115.74%
15	Adjusted funding target attainment percentage	15	115.74%
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	111.47%
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
10/04/2016	5000	0	04/04/2017	5000	0
11/03/2016	5000	0	05/02/2017	5000	0
12/05/2016	5000	0	06/05/2017	5000	0
01/04/2017	5000	0	07/06/2017	5000	0
02/03/2017	5000	0	08/03/2017	5000	0
03/03/2017	5000	0			
Totals ►			18(b)	55000	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 51351
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:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1st segment: 4.43%</td> <td style="width: 33%;">2nd segment: 5.91%</td> <td style="width: 33%;">3rd segment: 6.65%</td> </tr> </table>	1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%	☐ N/A, full yield curve used
1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%				
b	Applicable month (enter code)	21b	4			
22	Weighted average retirement age	22	65			
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	12538			
b	Excess assets, if applicable, but not greater than line 31a	31b	12538			
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				
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			
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	51351			
38	Present value of excess contributions for current year (see instructions)					
a	Total (excess, if any, of line 37 over line 36)	38a	51351			
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	0			
43	Excess installment acceleration amount to be carried over to future plan years	43	0			

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2016

Attained Age	Years of Credited Service																			
	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 & Over	
	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	
25 - 29	0		0		0		0		0		0		0		0		0		0	
30 - 34	0		0		0		0		0		0		0		0		0		0	
35 - 39	0		0		0		0		0		0		0		0		0		0	
40 - 44	0		1		1		0		0		0		0		0		0		0	
45 - 49	0		0		1		0		0		0		0		0		0		0	
50 - 54	0		1		1		0		0		1		0		0		0		0	
55 - 59	0		1		1		0		1		1		1		0		0		0	
60 - 64	0		0		0		0		0		0		0		1		0		0	
65 - 69	0		0		0		0		0		0		0		0		0		0	
70 & Over	0		0		0		0		0		0		0		0		0		0	

Plan Name: Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
 EIN / PN: 34-0826607 / 004
 Plan Sponsor: Tylinter, Inc.
 Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis

- Applicable month September
- Interest rate basis 3-Segment Rates

Interest rates

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	4.43%	1.34%
■ Second segment rate	5.91%	4.03%
■ Third segment rate	6.65%	5.06%
■ Effective interest rate	6.03%	4.23%

Annual rates of increase

- Compensation: None
- Future Social Security wage bases None
- Statutory limits on compensation None
- Assumed cost of living adjustments None

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date Participation in the plan was frozen as of March 31, 2006, and only participants on that date are included in the valuation.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

- Healthy For non-disabled participants: The prescribed mortality assumption under Section 430(h)(3)(A) of the Internal Revenue Code using static tables with separate mortality rates for annuitants and non-annuitants.
- Disabled Revenue Ruling 96-7 mortality table for participants disabled after December 31, 1994.

Termination

Percentage leaving during the year	
Attained Age	Males and Females
20	0.074
25	0.049
30	0.034
35	0.024
40	0.013
45	0.007
50	0.000
55	0.000
60 and over	0.000

Disability 1965 Railroad Retirement System with 10-19 years of service.

Retirement Age 65 with 5 years of vesting service.

Unpredictable None.

Contingent Event

Benefit (UCEB) assumptions

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Benefit commencement date

- Preretirement death benefit The later of death of the active participant or the date the participant would have been eligible for early retirement.
- Deferred vested benefit The later of normal retirement date or termination of employment
- Disability benefit Immediate if eligible for disability benefits under the plan.
- Retirement benefit Upon termination of employment

Form of payment Participants are assumed to elect the normal form.

Percent married For purposes of valuing the pre-retirement surviving spouse's benefit, 80% of male participants and 50% of female participants are assumed to be married.

Spouse age Husbands assumed to be three years older than their wives.

Covered pay Not applicable

Administrative expenses 1½% of the market value of assets as of the valuation date, excluding any receivable contributions, is added to the normal cost.

Timing of benefit payments Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date January 1, 2016

SCHEDULE SB ATTACHMENTS

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.
Actuarial value of assets for determining minimum required contributions	<p>Average of the fair market value of assets on the valuation date and the dates 12 and 24 months before the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22) . The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year.)</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p>
Benefits not valued	We believe that we have reflected all significant plan provisions in this valuation.
PBGC premium funding target	For purposes of determining the PBGC Premium Funding ratio, the Alternative Premium Funding Target was determined using the assumptions described above.

Plan Name:	Pension Plan for Employees of Tyliner, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyliner, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Expected return on plan assets	We understand that the expected return on assets assumption reflects the plan sponsor's estimate of future experience for trust asset returns, reflecting the plan's current asset allocation and any expected changes during the current plan year, current market conditions and the plan sponsor's expectations for future market conditions.
Administrative expenses	The plan sponsor pays certain administrative expenses from the trust (approximately \$10,000 in each of the last two years). Our understanding is that a small adjustment is reflected in the expected rate of return on plan assets to account for these payments.

Assumptions Rationale - Significant Demographic Assumptions

Healthy mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Termination	Assumed termination rates vary by age with virtually no termination assumed after age 45. Currently, there are only 2 active participants younger than age 45. Experience has shown very little voluntary turnover in recent years.
Disability	Due to lack of credible experience, disability rates are based on a well-known published disability incidence table.
Retirement	Because the plan does not subsidize early retirement benefits and the earliest retirement age is 60, the retirement age assumption has been set at 65. Experience has shown very few early retirements. Currently, there is only 1 retiree younger than age 65.

Plan Name:	Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyllinter, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Benefit commencement date for deferred benefits:

- Preretirement death benefit
Surviving spouses are assumed to begin benefits at the earliest permitted commencement date because ERISA requires benefits to start then unless the spouse elects to defer. If the spouse elects to defer, actuarial increases from the earliest commencement date must be given, so that a later commencement date is expected to be of approximately equal value, and experience indicates that most spouses do take the benefit as soon as it is available.
- Deferred vested benefit
Deferred vested participants are assumed to begin benefits at age 65 (or current age if later) because the plan's experience is not considered to be credible. Also, deferred vested early commencement factors are not subsidized so that the difference between this approach and using assumed commencement rates at earlier ages is not expected to be significant.

Form of payment

The plan only offers a life annuity or a joint & survivor annuity. The payment amounts are actuarially equivalent, as defined in the plan document. Thus, the assumption for annuity form of payment is not expected to be significant.

Percent married

The assumed percentage married is based on general population statistics on the marital status of individuals over age 40.

Spouse age

The assumed age difference for spouses is based on general population statistics of the age difference for married individuals.

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation

- The segment interest rates used to calculate the funding target and target normal cost were updated from an applicable month of September 2014 to September 2015.
- The required mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

**SCHEDULE SB
(Form 5500)**Department of the Treasury
Internal Revenue Service
Department 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

2016**This Form is Open to Public
Inspection**For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016► **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 PENSION PLAN FOR EMPLOYEES OF TYLINTER, INC. REPRESENTED BY THE UNITED STEELWORKERS OF AMERICA AFL-CIO ON BEHALF OF LOCAL 8573		B Three-digit plan number (PN) ►	004
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF TYLINTER, INC.		D Employer Identification Number (EIN) 34-0826607	
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 <u>01</u> Day <u>01</u> Year <u>2016</u>			
2 Assets:			
a Market value.....		2a	879,999
b Actuarial value.....		2b	967,999
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.....	17	435,109	435,109
b For terminated vested participants.....	10	197,617	197,617
c For active participants.....	12	192,195	203,565
d Total.....	39	824,921	836,291
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	6.03%	
6 Target normal cost.....	6	12,538	

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	Thomas E. Palmer	TEP	09/19/2017
Signature of actuary		Date	
Thomas E. Palmer		1705892	
Type or print name of actuary		Most recent enrollment number	
Towers Watson Delaware Inc.		704-620-6542	
Firm name		Telephone number (including area code)	
150 North College Street, STE. 3050			
Charlotte NC 28202			
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, see the Instructions for Form 5500 or 5500-SF.****Schedule SB (Form 5500) 2016
v. 160205**

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>-6.28%</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).....		60,623
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>6.23%</u>		3,777
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.....		64,400
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	115.74%
15 Adjusted funding target attainment percentage.....	15	115.74%
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	111.47%
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
10/04/2016	5,000	0			
11/03/2016	5,000	0			
12/05/2016	5,000	0			
01/04/2017	5,000	0			
02/03/2017	5,000	0			
03/03/2017	5,000	0			
04/04/2017	5,000	0			
05/02/2017	5,000	0			
06/05/2017	5,000	0			
07/06/2017	5,000	0			
08/03/2017	5,000	0			
Totals ►			18(b)	55,000	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	51,351

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: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
22 Weighted average retirement age			22 65
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	12,538
b Excess assets, if applicable, but not greater than line 31a		31b	12,538
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	
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		51,351
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	51,351
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	0	
43 Excess installment acceleration amount to be carried over to future plan years	43	0	

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2016

See Schedule SB, Part V - Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Plan Name:	Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tylinter, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2016

Attained Age	Years of Credited Service																			
	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 & Over	
	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	
25 - 29	0		0		0		0		0		0		0		0		0		0	
30 - 34	0		0		0		0		0		0		0		0		0		0	
35 - 39	0		0		0		0		0		0		0		0		0		0	
40 - 44	0		1		1		0		0		0		0		0		0		0	
45 - 49	0		0		1		0		0		0		0		0		0		0	
50 - 54	0		1		1		0		0		1		0		0		0		0	
55 - 59	0		1		1		0		1		1		1		0		0		0	
60 - 64	0		0		0		0		0		0		0		1		0		0	
65 - 69	0		0		0		0		0		0		0		0		0		0	
70 & Over	0		0		0		0		0		0		0		0		0		0	

Plan Name: Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
 EIN / PN: 34-0826607 / 004
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 Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis

- Applicable month September
- Interest rate basis 3-Segment Rates

Interest rates

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	4.43%	1.34%
■ Second segment rate	5.91%	4.03%
■ Third segment rate	6.65%	5.06%
■ Effective interest rate	6.03%	4.23%

Annual rates of increase

- Compensation: None
- Future Social Security wage bases None
- Statutory limits on compensation None
- Assumed cost of living adjustments None

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
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Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date Participation in the plan was frozen as of March 31, 2006, and only participants on that date are included in the valuation.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

- Healthy For non-disabled participants: The prescribed mortality assumption under Section 430(h)(3)(A) of the Internal Revenue Code using static tables with separate mortality rates for annuitants and non-annuitants.
- Disabled Revenue Ruling 96-7 mortality table for participants disabled after December 31, 1994.

Termination

Percentage leaving during the year	
Attained Age	Males and Females
20	0.074
25	0.049
30	0.034
35	0.024
40	0.013
45	0.007
50	0.000
55	0.000
60 and over	0.000

Disability 1965 Railroad Retirement System with 10-19 years of service.

Retirement Age 65 with 5 years of vesting service.

**Unpredictable
Contingent Event
Benefit (UCEB)
assumptions** None.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
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Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Benefit commencement date

- Preretirement death benefit The later of death of the active participant or the date the participant would have been eligible for early retirement.
- Deferred vested benefit The later of normal retirement date or termination of employment
- Disability benefit Immediate if eligible for disability benefits under the plan.
- Retirement benefit Upon termination of employment

Form of payment Participants are assumed to elect the normal form.

Percent married For purposes of valuing the pre-retirement surviving spouse's benefit, 80% of male participants and 50% of female participants are assumed to be married.

Spouse age Husbands assumed to be three years older than their wives.

Covered pay Not applicable

Administrative expenses 1½% of the market value of assets as of the valuation date, excluding any receivable contributions, is added to the normal cost.

Timing of benefit payments Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
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Valuation Date January 1, 2016

SCHEDULE SB ATTACHMENTS

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.
Actuarial value of assets for determining minimum required contributions	<p>Average of the fair market value of assets on the valuation date and the dates 12 and 24 months before the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22) . The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year.)</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p>
Benefits not valued	We believe that we have reflected all significant plan provisions in this valuation.
PBGC premium funding target	For purposes of determining the PBGC Premium Funding ratio, the Alternative Premium Funding Target was determined using the assumptions described above.

Plan Name:	Pension Plan for Employees of Tyliner, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyliner, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Expected return on plan assets	We understand that the expected return on assets assumption reflects the plan sponsor's estimate of future experience for trust asset returns, reflecting the plan's current asset allocation and any expected changes during the current plan year, current market conditions and the plan sponsor's expectations for future market conditions.
Administrative expenses	The plan sponsor pays certain administrative expenses from the trust (approximately \$10,000 in each of the last two years). Our understanding is that a small adjustment is reflected in the expected rate of return on plan assets to account for these payments.

Assumptions Rationale - Significant Demographic Assumptions

Healthy mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Termination	Assumed termination rates vary by age with virtually no termination assumed after age 45. Currently, there are only 2 active participants younger than age 45. Experience has shown very little voluntary turnover in recent years.
Disability	Due to lack of credible experience, disability rates are based on a well-known published disability incidence table.
Retirement	Because the plan does not subsidize early retirement benefits and the earliest retirement age is 60, the retirement age assumption has been set at 65. Experience has shown very few early retirements. Currently, there is only 1 retiree younger than age 65.

Plan Name:	Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyllinter, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Benefit commencement date for deferred benefits:

- Preretirement death benefit
Surviving spouses are assumed to begin benefits at the earliest permitted commencement date because ERISA requires benefits to start then unless the spouse elects to defer. If the spouse elects to defer, actuarial increases from the earliest commencement date must be given, so that a later commencement date is expected to be of approximately equal value, and experience indicates that most spouses do take the benefit as soon as it is available.
- Deferred vested benefit
Deferred vested participants are assumed to begin benefits at age 65 (or current age if later) because the plan's experience is not considered to be credible. Also, deferred vested early commencement factors are not subsidized so that the difference between this approach and using assumed commencement rates at earlier ages is not expected to be significant.

Form of payment

The plan only offers a life annuity or a joint & survivor annuity. The payment amounts are actuarially equivalent, as defined in the plan document. Thus, the assumption for annuity form of payment is not expected to be significant.

Percent married

The assumed percentage married is based on general population statistics on the marital status of individuals over age 40.

Spouse age

The assumed age difference for spouses is based on general population statistics of the age difference for married individuals.

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Changes in Assumptions and Methods

Change in assumptions and methods since prior valuation

- The segment interest rates used to calculate the funding target and target normal cost were updated from an applicable month of September 2014 to September 2015.
- The required mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

The plan was originally effective August 28, 1969. The last amendment reflected herein was effective March 31, 2006. The plan document was restated in September 2011 and amended effective June 26, 2013 to clarify the definition of Spouse.

Coverage and participation Participation in the plan was closed to new entrants as of October 23, 2005, and participants in the plan will not accrue any additional benefits after March 31, 2006.

Definitions

Vesting service Years and months from date of employment.

Pension service Years and months from date of employment. Service for benefit accruals stops accruing on March 31, 2006.

Accrued benefit The benefit calculated as of March 31, 2006, when the Plan was frozen. This monthly benefit is payable according to the following schedule of benefit levels and service maximums (with service accruals stopping on March 31, 2006):

Date of Retirement	Benefit Level	Maximum Service Credited
10/20/1997 to 10/24/1998	13.75	35
10/25/1998 to 10/24/1999	14.75	35
10/25/1999 to 10/22/2000	15.25	35
10/23/2000 and later	15.75	35

Normal retirement date (NRD) The first of the month coincident with or next following age 65 credited service or the fifth anniversary of employment.

Eligibility for Benefits

Normal retirement Retirement on NRD

Early retirement The first of the month coincident with or next following age 60 credited service or 10 years of continuous vesting service.

Postponed retirement Retirement after the Normal Retirement Date

Plan Name: Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tylinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Deferred vested termination	Termination for reasons other than death or retirement after completing five years of vesting service
Disability	Retirement upon total and permanent disablement after completing 10 years of continuous vesting service.
Preretirement death benefit	Death after meeting the vesting requirements of the Plan, but prior to the commencement of the retirement benefits, with a surviving spouse.
Death benefits for retired participants	If the member has a spouse, the standard benefit is converted to a reduced joint and 50% survivor option unless such conversion is waived with the consent of the spouse.

Benefits Paid Upon the Following Events

Normal retirement	The monthly pension benefit determined as of NRD
Early retirement	Monthly pension benefit determined as of March 31, 2006, reduced 0.6% for each month of payment before age 65.
Postponed retirement	Monthly pension benefit determined as of March 31, 2006.
Deferred vested termination	Monthly pension benefit determined as of March 31, 2006. The participant may begin receiving payments at age 60 reduced 0.6% for each month of payment before age 65.
Disablement	Monthly pension benefit determined as of March 31, 2006, payable without reduction after six months of disablement. After normal retirement, the benefit becomes the normal retirement benefit (see above).
Preretirement death	Monthly preretirement spouse benefit of 50% of the participant's benefit determined as of March 31, 2006, payable the later of death or age 60.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Forms of payment	Preretirement spouse benefits are payable only as described above. Monthly pension benefits are paid as described above as a life annuity, if the participant has no spouse as of the benefit commencement date, or if the participant so elects. Otherwise, benefits are paid in the form of 50% joint and survivor annuity option or, if the participant elects and the spouse consents, another actuarially equivalent optional form offered by the plan. Optional forms are a 100% joint and survivor annuity, a 75% joint and survivor annuity, or (for single participants) a life annuity.
Pension Increases	None
Plan participants' contributions	None
Limits on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective.

Future Plan Changes

No future plan changes were recognized in determining pension cost.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

Substantive Commitment

None.

Plan Name:	Pension Plan for Employees of Tyliner, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyliner, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Tylinter, Inc.
EIN/PN	34-0826607/004
Plan Name	Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL CIO On Behalf of Local 8573
Valuation Date	January 1, 2016
Enrolled Actuary	Thomas E. Palmer
Enrollment Number	17-05892

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Tylinter, Inc.
EIN/PN	34-0826607/004
Plan Name	Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL CIO On Behalf of Local 8573
Valuation Date	January 1, 2016
Enrolled Actuary	Thomas E. Palmer
Enrollment Number	17-05892

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2016

See Schedule SB, Part V - Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Plan Name:	Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tylinter, Inc.
Valuation Date	January 1, 2016

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

The plan was originally effective August 28, 1969. The last amendment reflected herein was effective March 31, 2006. The plan document was restated in September 2011 and amended effective June 26, 2013 to clarify the definition of Spouse.

Coverage and participation Participation in the plan was closed to new entrants as of October 23, 2005, and participants in the plan will not accrue any additional benefits after March 31, 2006.

Definitions

Vesting service Years and months from date of employment.

Pension service Years and months from date of employment. Service for benefit accruals stops accruing on March 31, 2006.

Accrued benefit The benefit calculated as of March 31, 2006, when the Plan was frozen. This monthly benefit is payable according to the following schedule of benefit levels and service maximums (with service accruals stopping on March 31, 2006):

Date of Retirement	Benefit Level	Maximum Service Credited
10/20/1997 to 10/24/1998	13.75	35
10/25/1998 to 10/24/1999	14.75	35
10/25/1999 to 10/22/2000	15.25	35
10/23/2000 and later	15.75	35

Normal retirement date (NRD) The first of the month coincident with or next following age 65 credited service or the fifth anniversary of employment.

Eligibility for Benefits

Normal retirement Retirement on NRD

Early retirement The first of the month coincident with or next following age 60 credited service or 10 years of continuous vesting service.

Postponed retirement Retirement after the Normal Retirement Date

Plan Name: Pension Plan for Employees of Tylinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tylinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Deferred vested termination	Termination for reasons other than death or retirement after completing five years of vesting service
Disability	Retirement upon total and permanent disablement after completing 10 years of continuous vesting service.
Preretirement death benefit	Death after meeting the vesting requirements of the Plan, but prior to the commencement of the retirement benefits, with a surviving spouse.
Death benefits for retired participants	If the member has a spouse, the standard benefit is converted to a reduced joint and 50% survivor option unless such conversion is waived with the consent of the spouse.

Benefits Paid Upon the Following Events

Normal retirement	The monthly pension benefit determined as of NRD
Early retirement	Monthly pension benefit determined as of March 31, 2006, reduced 0.6% for each month of payment before age 65.
Postponed retirement	Monthly pension benefit determined as of March 31, 2006.
Deferred vested termination	Monthly pension benefit determined as of March 31, 2006. The participant may begin receiving payments at age 60 reduced 0.6% for each month of payment before age 65.
Disablement	Monthly pension benefit determined as of March 31, 2006, payable without reduction after six months of disablement. After normal retirement, the benefit becomes the normal retirement benefit (see above).
Preretirement death	Monthly preretirement spouse benefit of 50% of the participant's benefit determined as of March 31, 2006, payable the later of death or age 60.

Plan Name: Pension Plan for Employees of Tyllinter, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN: 34-0826607 / 004
Plan Sponsor: Tyllinter, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Forms of payment	Preretirement spouse benefits are payable only as described above. Monthly pension benefits are paid as described above as a life annuity, if the participant has no spouse as of the benefit commencement date, or if the participant so elects. Otherwise, benefits are paid in the form of 50% joint and survivor annuity option or, if the participant elects and the spouse consents, another actuarially equivalent optional form offered by the plan. Optional forms are a 100% joint and survivor annuity, a 75% joint and survivor annuity, or (for single participants) a life annuity.
Pension Increases	None
Plan participants' contributions	None
Limits on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective.

Future Plan Changes

No future plan changes were recognized in determining pension cost.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

Substantive Commitment

None.

Plan Name:	Pension Plan for Employees of Tyliner, Inc. Represented by the United Steelworkers of America AFL-CIO On Behalf of Local 8573
EIN / PN:	34-0826607 / 004
Plan Sponsor:	Tyliner, Inc.
Valuation Date	January 1, 2016