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

2020

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

A This return/report is for: [X] 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.)

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: [X] Form 5558 [ ] automatic extension [ ] DFVC program
[ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
THE ANDERSON-DUBOSE COMPANY PENSION PLAN FOR HOURLY PAID EMPLOYEES

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 11/01/1991

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)
THE ANDERSON-DUBOSE COMPANY

5300 TOD AVE.
LORDSTOWN, OH 44481

2b Employer Identification Number (EIN) 34-1690243

2c Sponsor's telephone number 440-542-3400

2d Business code (see instructions) 484120

3a Plan administrator's name and address [X] Same as Plan Sponsor.

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.
a Sponsor's name
c Plan Name

4b EIN

4d PN

5a Total number of participants at the beginning of the plan year	**5a**	32
b Total number of participants at the end of the plan year	**5b**	32
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)**	6
d(2) Total number of active participants at the end of the plan year	**5d(2)**	6
e Number of participants who 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.	10/13/2021	TONY WIGLUSZ
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2021	TONY WIGLUSZ
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

6a Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) [X] 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.) [X] 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)? [X] Yes [ ] No [ ] Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4339047. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	4874645	5304365
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	4874645	5304365
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)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	685368	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		685368
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	255648	
e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		255648
i Net income (loss) (subtract line 8h from line 8c)	8i		429720
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:
1A 1C

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)	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		2000000
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		X	
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 lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. ☒ Yes ☐ No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 | **11a** | 0

b **PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than $0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above. ☐ Yes ☒ No

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)

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

2020

This Form is Open to Public Inspection

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

▶ **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
THE ANDERSON-DUBOSE COMPANY PENSION PLAN FOR HOURLY PAID EMPLOYEES

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
THE ANDERSON-DUBOSE COMPANY

D Employer Identification Number (EIN)
34-1690243

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2020

2 Assets:

a Market value	**2a**	4870143
b Actuarial value	**2b**	4718946

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	19	3044743	3044743
b For terminated vested participants	7	300283	300283
c For active participants	6	624941	711793
d Total	32	3969967	4056819

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**	5.30 %
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

	10/11/2021
Signature of actuary	Date
JEFFREY A. SCHAPEL, EA, MAAA, MSPA	20-07786
Type or print name of actuary	Most recent enrollment number
CBIZ BENEFITS & INSURANCE, INC.	216-447-9000
Firm name	Telephone number (including area code)
6050 OAK TREE BLVD, SUITE 500 CLEVELAND, OH 44131	
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 [ ]

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	1448278
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	1448278
10	Interest on line 9 using prior year's actual return of 18.84 %	0	272856
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		232344
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 5.46 %		12686
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		
c	Total available at beginning of current plan year to add to prefunding balance		245030
d	Portion of (c) to be added to prefunding balance		245030
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	1966164

Part III Funding Percentages

14	Funding target attainment percentage	14	67.85 %
15	Adjusted funding target attainment percentage	15	116.32 %
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	68.29 %
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? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] 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
0	0	0	0

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

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.64 %	5.21 %	5.94 %	☐ 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**	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

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

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

SCHEDULE SB ATTACHMENT
Line 26 - Schedule of Active Participant Data

Plan Name: The Anderson-Dubose Company Pension Plan for Hourly Paid Employees
EIN/PN: 34-1690243/001
Valuation Date: January 1, 2020

Age	Years of Credited Service										Total
	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	
Under 25	-	-	-	-	-	-	-	-	-	-	-
25 to 29	-	-	-	-	-	-	-	-	-	-	-
30 to 34	-	-	-	-	-	-	-	-	-	-	-
35 to 39	-	-	-	-	-	-	-	-	-	-	-
40 to 44	-	-	-	-	-	-	-	-	-	-	-
45 to 49	-	1	-	-	-	-	-	-	-	-	1
50 to 54	-	-	-	-	1	-	-	-	-	-	1
55 to 59	-	-	2	1	-	-	-	-	-	-	3
60 to 64	-	-	-	-	1	-	-	-	-	-	1
65 to 69	-	-	-	-	-	-	-	-	-	-	-
70 & Over	-	-	-	-	-	-	-	-	-	-	-
Total	-	1	2	1	2	-	-	-	-	-	6

SUMMARY OF ASSUMPTIONS

Funding Discount Rates

IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	Non-Stabilized	Limited to 25-Year Corridor
Segment 1:	2.79%	3.64%
Segment 2:	3.92%	5.21%
Segment 3:	4.38%	5.94%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the Highway and Transportation Funding Act of 2014 ('HATFA-14') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

The interest rates used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.

Effective Interest Rate

The Effective Interest Rate (EIR) for the current Plan Year is 5.30%. For the prior Plan Year, the EIR was 5.46%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the Plan Sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets

The Expected Return on Assets (EROA) used in the calculation of the Actuarial Value of Assets is the lesser of a) or b), below:

a) The Plan Sponsor's expected long-term rate of return on assets based on policy trust allocations; or

b) The third segment rate in the IRS-prescribed three-segment rate assumption, based on the elections made by the Plan Sponsor for minimum funding purposes.

The results are as follows:

Plan Year	Assumption a)	Seg. III b)	EROA (smaller of a or b)
2019	6.81%	6.11%	6.11%
2018	6.81%	6.29%	6.29%

The assumed rate of return used for determination of the actuarial value of assets was selected taking into consideration input from the Plan's asset advisor and publicly available survey information on expected returns by asset class as of January 1, 2020.

Salary Scale

Not applicable.

Rationale: The Plan is frozen.

Inflation

Not applicable.

Rationale: This assumption affects long-term assumed increases in the Social Security Taxable Wage base and the IRS Compensation Limits. Because the Plan is frozen and there are no benefits over the IRS Compensation Limits, this assumption is not applicable.

Mortality	Healthy Participants - IRS §430(h) Separate Annuitant / Non-Annuitant Generational Mortality Tables for the Current Plan Year. These tables are the Society of Actuaries' (SOA) RP-2014 separate employee and healthy annuitant generational mortality tables, adjusted to 2006, then projected forward using generational projection scale MP-2018, for males and females. Disabled Participants - Same as Healthy Participants. The mortality assumptions used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.
Assumption Rational	Because the employer does not have enough data to do a fully credible experience analysis with respect to spousal information, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.
Withdrawal Rates	SOA T-1 table less GAM 1951 Mortality table rates.
Disability Incidence	None
Retirement Rates	Earliest of age 65 or 24 years of service.
Spousal Assumptions	75% of males and 50% of females are assumed to be married. Females are assumed to be 3 years younger than males.
Benefit Commencement Age	Normal Retirement Age, or valuation age, if later.

Form of Payment	All benefits are assumed to be paid in the Normal Form defined under the terms of the Plan. Rationale: Because the employer does not have enough data to do a fully credible experience analysis with respect to Form of Payment, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponosor.
Changes in non-required Funding assumptions since the prior valuation	None.

SUMMARY OF METHODS

Minimum Funding Cost Method

The actuarial cost method used to determine the liabilities for minimum funding calculations is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Maximum Deductible Contribution Method

The actuarial cost method used to determine the liabilities for maximum deductible calculations is the Projected Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for all participant. The individual accrued liability for a participant is the sum of 1) the present value of the accrued benefit earned as of the valuation date taking into account service and/or pay as of the valuation date; plus 2) the present value of the accrued benefit expected to be earned because of any expected future compensation increases.

The individual normal cost for a participant is the sum of the present value of the benefit expected to accrue in the plan year being valued taking into account any expected future compensation increases.

Asset Method

We used financial data submitted by the trustee as of the valuation date without further audit. This information was not verified by a plan's actuary. We have reviewed the information for internal consistency, and we have no reason to doubt its substantial accuracy.

Actuarial Value of Assets

For funding purposes, Actuarial Value of Assets is a smoothed market value assets adjusted by the applicable percentage of gain or loss calculated in each year during the smoothing period. The gain or loss is the difference between the current year's market value, and prior year's market value brought forward with contributions, benefit payments, and administrative expenses, all adjusted at the expected interest rate to the valuation date. The expected interest rate for each year is the lesser of the expected rate of return and the third segment rate. The applicable percentage is 66-2/3% for the year preceding the valuation date, and 33-1/3% for the second year preceding the valuation date. The actuarial value of assets will be adjusted to be no greater than 110% and no less than 90% of the current (market) value of assets.

Receivable contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation

None.

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

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

OMB No. 1210-0110

2020

This Form is Open to Public Inspection

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

▶ **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
THE ANDERSON-DUBOSE COMPANY PENSION PLAN FOR HOURLY PAID EMPLOYEES

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
The Anderson-Dubose Company

D Employer Identification Number (EIN)
34-1690243

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2020

2 Assets:

a Market value	2a	4,870,143
b Actuarial value	2b	4,718,946

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	19	3,044,743	3,044,743
b For terminated vested participants	7	300,283	300,283
c For active participants	6	624,941	711,793
d Total	32	3,969,967	4,056,819

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	5.30%
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 Jeffrey A. Schapel

Signature of actuary

10/11/2021

Date

JEFFREY A. SCHAPEL, EA, MAAA, MSPA

Type or print name of actuary

2007786

Most recent enrollment number

CBIZ BENEFITS & INSURANCE, INC.

Firm name

216-447-9000

Telephone number (including area code)

6050 OAK TREE BLVD, SUITE 500

CLEVELAND OH 44131

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 [ ]

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	1,448,278
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	1,448,278
10	Interest on line 9 using prior year's actual return of 18.84%	0	272,856
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		232,344
	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 5.46%		12,686
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance		245,030
	d Portion of (c) to be added to prefunding balance		245,030
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	1,966,164

Part III Funding Percentages

14	Funding target attainment percentage	14	67.85%
15	Adjusted funding target attainment percentage	15	116.32%
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	68.29%
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? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] 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
0	0	0	0

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

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.64 %	5.21 %	5.94 %	☐ 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**	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

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

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

SUMMARY OF ASSUMPTIONS

Funding Discount Rates

IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	Non-Stabilized	Limited to 25-Year Corridor
Segment 1:	2.79%	3.64%
Segment 2:	3.92%	5.21%
Segment 3:	4.38%	5.94%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the Highway and Transportation Funding Act of 2014 ('HATFA-14') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

The interest rates used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.

Effective Interest Rate

The Effective Interest Rate (EIR) for the current Plan Year is 5.30%. For the prior Plan Year, the EIR was 5.46%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the Plan Sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets

The Expected Return on Assets (EROA) used in the calculation of the Actuarial Value of Assets is the lesser of a) or b), below:

a) The Plan Sponsor's expected long-term rate of return on assets based on policy trust allocations; or

b) The third segment rate in the IRS-prescribed three-segment rate assumption, based on the elections made by the Plan Sponsor for minimum funding purposes.

The results are as follows:

Plan Year	Assumption a)	Seg. III b)	EROA (smaller of a or b)
2019	6.81%	6.11%	6.11%
2018	6.81%	6.29%	6.29%

The assumed rate of return used for determination of the actuarial value of assets was selected taking into consideration input from the Plan's asset advisor and publicly available survey information on expected returns by asset class as of January 1, 2020.

Salary Scale

Not applicable.

Rationale: The Plan is frozen.

Inflation

Not applicable.

Rationale: This assumption affects long-term assumed increases in the Social Security Taxable Wage base and the IRS Compensation Limits. Because the Plan is frozen and there are no benefits over the IRS Compensation Limits, this assumption is not applicable.

Mortality	Healthy Participants - IRS §430(h) Separate Annuitant / Non-Annuitant Generational Mortality Tables for the Current Plan Year. These tables are the Society of Actuaries' (SOA) RP-2014 separate employee and healthy annuitant generational mortality tables, adjusted to 2006, then projected forward using generational projection scale MP-2018, for males and females. Disabled Participants - Same as Healthy Participants. The mortality assumptions used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.
Assumption Rational	Because the employer does not have enough data to do a fully credible experience analysis with respect to spousal information, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.
Withdrawal Rates	SOA T-1 table less GAM 1951 Mortality table rates.
Disability Incidence	None
Retirement Rates	Earliest of age 65 or 24 years of service.
Spousal Assumptions	75% of males and 50% of females are assumed to be married. Females are assumed to be 3 years younger than males.
Benefit Commencement Age	Normal Retirement Age, or valuation age, if later.

Form of Payment	All benefits are assumed to be paid in the Normal Form defined under the terms of the Plan. Rationale: Because the employer does not have enough data to do a fully credible experience analysis with respect to Form of Payment, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponosor.
Changes in non-required Funding assumptions since the prior valuation	None.

SUMMARY OF METHODS

Minimum Funding Cost Method

The actuarial cost method used to determine the liabilities for minimum funding calculations is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Maximum Deductible Contribution Method

The actuarial cost method used to determine the liabilities for maximum deductible calculations is the Projected Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for all participant. The individual accrued liability for a participant is the sum of 1) the present value of the accrued benefit earned as of the valuation date taking into account service and/or pay as of the valuation date; plus 2) the present value of the accrued benefit expected to be earned because of any expected future compensation increases.

The individual normal cost for a participant is the sum of the present value of the benefit expected to accrue in the plan year being valued taking into account any expected future compensation increases.

Asset Method

We used financial data submitted by the trustee as of the valuation date without further audit. This information was not verified by a plan's actuary. We have reviewed the information for internal consistency, and we have no reason to doubt its substantial accuracy.

Actuarial Value of Assets

For funding purposes, Actuarial Value of Assets is a smoothed market value assets adjusted by the applicable percentage of gain or loss calculated in each year during the smoothing period. The gain or loss is the difference between the current year's market value, and prior year's market value brought forward with contributions, benefit payments, and administrative expenses, all adjusted at the expected interest rate to the valuation date. The expected interest rate for each year is the lesser of the expected rate of return and the third segment rate. The applicable percentage is 66-2/3% for the year preceding the valuation date, and 33-1/3% for the second year preceding the valuation date. The actuarial value of assets will be adjusted to be no greater than 110% and no less than 90% of the current (market) value of assets.

Receivable contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation

None.

SCHEDULE SB ATTACHMENT
Line 26 - Schedule of Active Participant Data

Plan Name: The Anderson-Dubose Company Pension Plan for Hourly Paid Employees
EIN/PN: 34-1690243/001
Valuation Date: January 1, 2020

Age	Years of Credited Service										Total
	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	
Under 25	-	-	-	-	-	-	-	-	-	-	-
25 to 29	-	-	-	-	-	-	-	-	-	-	-
30 to 34	-	-	-	-	-	-	-	-	-	-	-
35 to 39	-	-	-	-	-	-	-	-	-	-	-
40 to 44	-	-	-	-	-	-	-	-	-	-	-
45 to 49	-	1	-	-	-	-	-	-	-	-	1
50 to 54	-	-	-	-	1	-	-	-	-	-	1
55 to 59	-	-	2	1	-	-	-	-	-	-	3
60 to 64	-	-	-	-	1	-	-	-	-	-	1
65 to 69	-	-	-	-	-	-	-	-	-	-	-
70 & Over	-	-	-	-	-	-	-	-	-	-	-
Total	-	1	2	1	2	-	-	-	-	-	6

Schedule SB, line 22 –
Description of Weighted Average Retirement Age

The average retirement age of active employees is computed using the normal retirement definition of the attainment of age 65 or 24 years of service.

Schedule SB, Part V –
Summary of Plan Provisions

1. Anniversary Date	January 1
2. Eligibility	Non-Union employees compensated on an hourly or mileage basis enter the first day of month coincident with or next following completion of one year of service. Closed to new participants as of 12/31/2010.
3. Eligibility for Benefits	
a) Normal Retirement	The first day of the month coinciding or immediately following the earlier of 1) the participant's 65th birthday or 2) 24 years of service.
b) Early Retirement	The first day of the month coinciding or following age 55 with 10 years of service.
c) Late Retirement	A participant may remain in employment beyond his Normal Retirement Date.
d) Deferred Vested	5 years of Credited Service
e) Death Benefit	If eligible for Deferred Vested Pension.
4. Benefit Amounts	
a) Normal Retirement	A monthly pension for life (or, if married, an actuarial equivalent 50% Joint and Survivor) equal to 1.75% of Compensation earned in each Plan Year of Participation. Benefit Accruals were calculated and frozen as of December 31, 2010.
b) Early Retirement	A monthly pension for life commencing at Normal Retirement Date, equal to employee's accrued monthly pension using his Credited Service as of Early Retirement or an actuarially equivalent benefit payable at early retirement.
c) Late Retirement	A monthly pension for life commencing at Late Retirement Date, calculated as of the employee's Actual Retirement Date.
d) In-Service	An automatic monthly Pension commencing the April 1st of the calendar year following the calendar year in which the Participant reaches age 70½. This pension will be recalculated annually to reflect the Participant's current service and compensation.
e) Death Benefit	Present value of Accrued Benefit.

Schedule SB, line 22 –
Description of Weighted Average Retirement Age

The average retirement age of active employees is computed using the normal retirement definition of the attainment of age 65 or 24 years of service.

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Summary of Plan Provisions

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b) Early Retirement	The first day of the month coinciding or following age 55 with 10 years of service.
c) Late Retirement	A participant may remain in employment beyond his Normal Retirement Date.
d) Deferred Vested	5 years of Credited Service
e) Death Benefit	If eligible for Deferred Vested Pension.
4. Benefit Amounts	
a) Normal Retirement	A monthly pension for life (or, if married, an actuarial equivalent 50% Joint and Survivor) equal to 1.75% of Compensation earned in each Plan Year of Participation. Benefit Accruals were calculated and frozen as of December 31, 2010.
b) Early Retirement	A monthly pension for life commencing at Normal Retirement Date, equal to employee's accrued monthly pension using his Credited Service as of Early Retirement or an actuarially equivalent benefit payable at early retirement.
c) Late Retirement	A monthly pension for life commencing at Late Retirement Date, calculated as of the employee's Actual Retirement Date.
d) In-Service	An automatic monthly Pension commencing the April 1st of the calendar year following the calendar year in which the Participant reaches age 70½. This pension will be recalculated annually to reflect the Participant's current service and compensation.
e) Death Benefit	Present value of Accrued Benefit.