## 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 section 6058(a) of the Internal Revenue Code (the Code).

▶ Complete all entries in accordance with the instructions to the Form 5500-SF.

1210-0089

2010

OMB Nos. 1210-0110

This Form is Open to Public Inspection

		ntification Information					
For	calendar plan year 2010 or fiscal p	olan year beginning 01/01/2	2010	and ending	12/31/2	2010	
Α -	This return/report is for:	single-employer plan	multiple-e	employer plan (not multiemployer)		one-participant	plan
В .	This return/report is for:	first return/report	final retur	n/report			
		an amended return/report	short plan	n year return/report (less than 12 m	onths)		
C	Check box if filing under:	Form 5558	automatio	cextension		DFVC program	1
		special extension (enter descri	ption)			_	
Pa	rt II Basic Plan Informa	tion—enter all requested info	rmation				
	Name of plan	· · · · · · · · · · · · · · · · · · ·			1b	Three-digit	
TRAN	NS-CHEMICAL CORPORATION D	EFINED BENEFIT PLAN				plan number	002
					10	(PN)	I.e.
					10	Effective date of p 01/01/200	
	Plan sponsor's name and address	(employer, if for single-employ	yer plan)		2b	Employer Identific	
TRAI	NS-CHEM CORPORATION				20	(EIN) 59-15234	
	NORTH BAYSHORE DRIVE, STE	2000			20	Plan sponsor's tel	epnone number 8900
MIAN	/II, FL 33132				2d	Business code (se	ee instructions)
	<u></u>		. "0		01-	541990	
TRAN	Plan administrator's name and add	1717 NOF	RTH BAYSHO	e") DRE DRIVE, STE 2000	30	Administrator's El 59-15234	
		MIAMI, FL	_ 33132		3с	Administrator's tel	ephone number
4 1	f the name and/or EIN of the plan s	sponsor has changed since the	last return/re	eport filed for this plan, enter the	-	EIN	5900
	name, EIN, and the plan number fro	om the last return/report. Spor	nsor's name		4-	DN	
	Total accept on of position onto at the				4c	PN	
	Total number of participants at the						4
b		. ,		(1.6. 11. 6. 1. 1. 1.	5b		4
	Total number of participants with a complete this item)			/ear (defined benefit plans do not	5c		
6a	Were all of the plan's assets during	ng the plan year invested in eli	gible assets?	(See instructions.)			Yes No
b				ndent qualified public accountant (I			X Yes ☐ No
	•	•	•	ions.) SF and must instead use Form !		•••••	
Pa	rt III Financial Information		7 1 0 1 111 0 0 0 0	or and made motoda add romin			
7	Plan Assets and Liabilities			(a) Beginning of Year		(b) End o	f Year
а	Total plan assets		7a	2099	61		320774
b	Total plan liabilities		7b				
С	Net plan assets (subtract line 7b f			2099	61		320774
8	Income, Expenses, and Transfers	for this Plan Year		(a) Amount		(b) To	tal
а	Contributions received or receivable		2 (1)	943	99		
	(1) Employers						
	(2) Participants						
h	(3) Others (including rollovers)			164	14		
b	Other income (loss)  Total income (add lines 8a(1), 8a(			101			110813
c d	Benefits paid (including direct rolls	. , , , ,					
u	to provide benefits)						
е	Certain deemed and/or corrective	distributions (see instructions)	8e				
f	Administrative service providers (s	salaries, fees, commissions)	8f				
g	Other expenses		8g				
h	Total expenses (add lines 8d, 8e,	8f, and 8g)	8h				0
į	Net income (loss) (subtract line 8h	,					110813
i	Transfers to (from) the plan (see i	nstructions)	gi				

Form 5500-SF 2010	Page <b>2-</b>
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		•	
Part IV	Dian	(`haraci	arietice
I all IV	ı ıaıı	Ollaraci	เธาเอเเษอ

9a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:

If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

	· · · · · · · · · · · · · · · · · · ·							
art	V Compliance Questions							
0	During the plan year:		Yes	No		Ar	nount	
а	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				
С	Was the plan covered by a fidelity bond?	10c	X					50000
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				
е	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	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						
art	VI Pension Funding Compliance							
1	Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and comp 5500))						X Yes	No
2	Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code	or se	ction 3	302 of E	ERISA?.	. [	Yes	X No
а	(If "Yes," complete 12a or 12b, 12c, 12d, and 12e below, as applicable.)  If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instruct							
lf '	granting the waiver			Day _		16	al	
	Enter the minimum required contribution for this plan year		Г	12b				
	Enter the amount contributed by the employer to the plan for this plan year			12c				
	Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left onegative amount)	of a		12d				
е	Will the minimum funding amount reported on line 12d be met by the funding deadline?				Yes		No	N/A
art	VII Plan Terminations and Transfers of Assets							
3a	Has a resolution to terminate the plan been adopted during the plan year or any prior year?						Yes	X 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 u of the PBGC?						Yes	X No
С	If during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the which assets or liabilities were transferred. (See instructions.)	e plar	n(s) to					_
1	3c(1) Name of plan(s):		130	(2) EII	V(s)		13c(3)	PN(s)
aut	ion: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable	e cau	se is	establi	shed.	- 1		
Jnde SB o	or penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/ref, it is true, correct, and complete.	rn/rep	ort, in	cluding	, if appli			

SIGN	Filed with authorized/valid electronic signature.	06/13/2011	IAN KAPLAN
HERE	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN	Filed with authorized/valid electronic signature.	06/13/2011	IAN KAPLAN
HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

# **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).

OMB No. 1210-0110

2010

This Form is Open to Public Inspection

			-	-			File as a	an attach	nment	to Form	5500 or	5500·	-SF.					
For	caler	ndar p	lan year :	2010 d	or fiscal plan	yea	r beginning 0°	1/01/2010	)				and end	ing 12/3	31/20	10		
					earest dollar 000 will be as		ssed for late filing o	of this repo	ort unle	ess reaso	onable ca	use i	s establishe	ed.				
	Name NS-C			RPOF	RATION DEF	INE	D BENEFIT PLAN					В	Three-dig plan num			•	002	
		•	or's name CORPO			2a c	of Form 5500 or 55	00-SF					Employer   -1523493	ldentifica	tion N	lumber	(EIN)	
Εī	уре о	f plan	: X Sinç	gle	Multiple-A		Multiple-B		<b>F</b> Prio	or year pla	ın size: 🛚	100	or fewer	101-5	500	More	than 500	
P	art I	В	asic Inf	form	ation													
1			valuation			Мо	onth <u>12</u> [	Day <u>31</u>		Year 2	2010							
2	Ass	ets:												_				
	а	Mark	et value.															225819
	b	Actu	arial valu	е										2b				225819
3	Fun	ding t	arget/par	ticipar	nt count brea	kdo	wn				<b>(1)</b> N	umbe	er of particip	oants		(2)	Funding Targe	et
	а	For	retired pa	ırticipa	ants and bene	fici	aries receiving pay	ment		3a				0				0
	b	For	terminate	d vest	ted participan	ts.				3b				2				1809
	С	For	active pa	rticipa	nts:													
		(1)	Non-ves	ted be	enefits				;	3c(1)								1188
		(2)	Vested b	penefi	ts				3	3c(2)								186066
		(3)	Total ac	tive					;	3c(3)				2				187254
	d	Tota	ıl							3d				4				189063
4	If th	e plar	is at-risk	k, che	ck the box an	d c	omplete items (a) a	and (b)				П.						
	а	Func	ling targe	t disre	egarding pres	crih	ed at-risk assumpt	tions						4a				
	b	Fund	ling targe	t refle	cting at-risk a	เรรเ	umptions, but disreve years and disreg	garding tr	ransitio	n rule fo	r plans th	at ha	ve been	4h				
5	Effe	ctive	interest ra	ate										5				6.41 %
6	Targ	get no	rmal cos	t										6				86604
	To the baccorda	pest of rance with	h applicable	ge, the in	nformation supplied regulations. In n	ny op	this schedule and accomplinion, each other assumplence under the plan.											
	SIGN ERE											_				03/22/2	2011	
					Sign	atu	re of actuary									Date		
KEV	IN J. I	DONG	OVAN									_	-			08-06	185	
PINI	NACLI	E PLA	AN DESIG	GN, LL	,, ,	rint	name of actuary					_		Most i		enrollm 20-618	nent number -1305	
PO I	BOX 6 SON,	64130 AZ 8	<b>5728-4</b> 13	<u>-</u> 30		Firr	n name						Te	elephone	numb	per (incl	uding area cod	le)
					Ado	dres	ss of the firm					=						
	actua	•	s not fully	y refle	cted any regu	ılati	on or ruling promu	lgated un	der the	e statute	in comple	eting	this schedu	le, checl	the b	oox and	see	

Page	2-	1

Schedule SB (Form 5500) 2010

Pa	art II	Begin	ning of year	carryove	er and prefunding ba	lances						
			- ·				(a)	Carryover balance	)	<b>(b)</b> P	refundii	ng balance
7		-	• , .		cable adjustments (Item 13				0			12456
8	Portion (	used to	offset prior year's	funding req	uirement (Item 35 from pric	or year)			0			0
9	Amount	remainir	ng (Item 7 minus i	tem 8)					0			12456
10	Interest	on item	9 using prior year	's actual ret	turn of16.40 %							2043
11					to prefunding balance:							
	<b>a</b> Exce	ess contr	ibutions (Item 38	from prior y	/ear)							24106
			,		rate of6.74 %							0
					/ear to add to prefunding bala							24106
	_		•		alance							10000
12					emed elections							0
					+ item 10 + item 11d – item				0			24499
	art III		ding percenta	·		,			I_			
14											14	105.65 %
15					e						15	116.19 %
16					of determining whether car					)	16	
					-							114.31 %
17	If the cu	rrent val	ue of the assets of	of the plan is	s less than 70 percent of the	e funding ta	rget, enter	such percentage			17	%
P	art IV	Con	tributions an	d liquidit	ty shortfalls							
18	Contribu	itions ma			ear by employer(s) and em	ployees:						
(N	(a) Date 1M-DD-Y		(b) Amount p employer		(c) Amount paid by employees	(a) [ (MM-DE)		(b) Amount p employer		(c	Amoul emplo	nt paid by
	/27/2010	,	Ginployer	50000	omployoco	(141111 22	,	omployer	(0)		ompio	3,000
03	3/04/2011			44399								
						Totals ▶	18(b)		94399	18(c)		0
19	Discount	ted emn	lover contribution	s _ saa inst	ructions for small plan with		` '	he heginning of th	e vear.	10(0)		
					mum required contribution				19a			0
	_				ljusted to valuation date				19b			0
					uired contribution for current				19c			94482
20			outions and liquidit			year aujustet	i to valuatio	ii uale	130			94402
20		=	-	-	· he prior year?							Yes X No
		•	•		tallments for the current yea							Yes No
				-	ete the following table as ap		,				<u> </u>	
		1			Liquidity shortfall as of e		er of this pla	an year				
		(1) 1s	st		(2) 2nd		(3)	3rd		(	(4) 4th	1

Pa	rt V Assumptio	ons used to determine t	funding target and ta	rget n	ormal cost					
21	Discount rate:									
	<b>a</b> Segment rates:	1st segment: 3.92 %	2nd segment: 6.40 %		3rd segment: 6.61 %		N/A, full yield curve used			
	<b>b</b> Applicable month	(enter code)				21b	4			
22	Weighted average ret	tirement age				22	62			
23	Mortality table(s) (see	e instructions)	escribed - combined	Pres	cribed - separate	Substitute	е			
Pa	rt VI Miscellane	ous items								
	Has a change been m	nade in the non-prescribed act			•		· · · · · · · · · · · · · · · · · · ·			
25	Has a method change	e been made for the current pl	an year? If "Yes," see instru	uctions r	egarding required attac	hment	Yes X No			
26	Is the plan required to	provide a Schedule of Active	Participants? If "Yes," see	instructi	ons regarding required	attachment.	X Yes No			
27	1 0	or (and is using) alternative fu	9 , 11			27				
Pa	rt VII Reconcilia	ation of unpaid minimu	um required contribu	tions f	or prior years					
28	Unpaid minimum requ	uired contribution for all prior y	ears			28	0			
29	' '	contributions allocated toward			' '	29				
30	Remaining amount of	f unpaid minimum required cor	ntributions (item 28 minus ite	em 29)		30	0			
Pa	rt VIII Minimum	required contribution	for current year							
31		adjusted, if applicable (see inst				31	75917			
32	Amortization installme		,		Outstanding Bala	ince	Installment			
		tization installment				0	0			
	<b>b</b> Waiver amortization	on installment				0	0			
33		approved for this plan year, en Day Year				33	0			
34		ment before reflecting carryove				34	75917			
			Carryover balance		Prefunding bala	nce	Total balance			
35	Balances used to offs	set funding requirement		0		0	0			
36	Additional cash require	rement (item 34 minus item 35	i)			36	75917			
37		ed toward minimum required c	•	•		37	94482			
38	Interest-adjusted exce	ess contributions for current ye	ear (see instructions)			38	18565			
39	Unpaid minimum requ	uired contribution for current y	ear (excess, if any, of item 3	36 over i	em 37)	39	0			
40	Unpaid minimum requ	uired contribution for all years		40	0					

#### **SCHEDULE SB** (Form 5500)

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

# 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).

OMB No. 1210-0110

2010

This Form is Open to Public

Pension Benefit Guaranty Corporation	▶ File as an	attachment to F	orm 5500 c	or 5500-SF.			Inspection
For calendar plan year 2010 or fiscal plan year	beginning 01	/01/2010		and endin	g <b>12</b>	/31/2010	· · · · · · · · · · · · · · · · · · ·
► Round off amounts to nearest dollar.							
► Caution: A penalty of \$1,000 will be asses	sed for late filing of this re	port unless reas	onable caus	se is establish	ed.		
A Name of plan				E	Three-dig		
Trans-Chemical Corporation	on Defined Benefi	t Plan		-	plan num	ber (PN) ▶	002
<b>C</b> D	·				. = .		***************************************
C Plan sponsor's name as shown on line 2a c				"			n Number (EIN)
Trans-Chemical Corporation	on			ļ	59-152	3493	
E Type of plan: X Single Multi	ple-A Multiple-B	F Prior v		e: X 100 or	favor [	101-500	More than 500
Part Basic Information	bië-y 🖂 Mminbie-p	F FIIUI Y	<del>dar pian siz</del>	e: <u>M</u> 100 01	iewer E	1101-200	LI IVIOIE MAIN 500
1 Enter the valuation date:	Month 12	Day 31	Year	2010			
2 Assets:							电子多数设施工程设施
a Market value					🖸	2a	225,819
	<u> </u>			1	1	2b	225,819
3 Funding target/participant count breakdown				(1) Number	of participa	nts (	2) Funding Target
a For retired participants and beneficia	ries receiving payment .	• • • • • •	<u>3a</u>		0		0
<b>b</b> For terminated vested participants	• • • • • • • • • • •	• • • • • •	<u>3b</u>		2		1,809
C For active participants:			20(1)				1,188
(1) Non-vested benefits			3c(1)	5.00			186,066
, ,			3c(2) 3c(3)		2	1689150 	187,254
d Total			3d		4		189,063
4 If the plan is at-risk, check the box and co						16 B.	
<ul> <li>Funding target disregarding prescribe</li> </ul>					4	la	
<b>b</b> Funding target reflecting at-risk assurance	notions, but disregarding	transition rule for	plans that	have been			
at-risk for fewer than five consecutive	years and disregarding lo	pading factor	· · · · ·	· · · · · ·	· · · · · · · · · · · · · · · ·	lb	
5 Effective interest rate	<u> </u>	······				5	6.41
Chatamant his Familia d Antonio						6	86,604
Statement by Enrolled Actuary  To the best of my knowledge, the Information supplied but accordance with appliesable law and regulations. In myopic combination, offer my best estimate of a funipated appearing	is schedule and accompanying sched	ules, statements and atta	chments, if any, i	is complete and acci	ırate. Each presrit	ed assumption wa	s appiled in
accordance with applicable law and regulations. In my opic combination, offer my best estimate of a licipated experies	n, each other assumption is reasonab ice under the plan.	le (taking into account the	experience of th	e plan and reasonal	ole expectations) a	nd such other assu	imptions, in
sign (W)	/				2 2	7 4.	
HERE ((A))					3-2.		
<i>//</i> -	ture of actuary					Date	
Kevin J. Donovan	viat and a discour				Mantana	08-06185	
	rint name of actuary					nt enrollmen	t number
Pinnacle Plan Design, LLC	irm name			Tole		318–1305 per (including	area code/
P.O. Box 64130	in name			1 616	Prioris Hulls	or (moleculty	, area code/
F.O. DOX 04130							
US Tucson A	z 85728-4130						
	ess of the firm						
If the actuary has not fully reflected any regulation	on or ruling promulgated u	nder the statute	n completir	ng this schedu	le, check the	e box and se	е
instructions							

Part II Begins	ning of year carryover a	and prefunding balances				····-		
<u> </u>	<u> </u>		(a)	Carryover balance	(b) Pre	efunding	balance	
7 Balance at be	ginning of prior year after at	oplicable adjustments (item 13 from p	<del></del>					
vear)				C	)		12	2,456
		requirement (item 35 from prior year	<del></del>	0	)			0
					)		12	, 456
		return of 16.40 %		C	)		- 2	2,043
	cess contributions to be add		3.55		(0) (1) (1)		4	
-		or year)					24	1,106
	(a) using prior year's effecti							0
c Total availa	able at beginning of current	plan year to add to prefunding balan	ce				24	,106
<b>d</b> Portion of i	item (c) to be added to prefu	unding balance					10	,000
		deemed elections		C				0
13 Balance at be	ginning of current year (item	19 + item 10 + item 11d - item 12) .		Ċ			24	1,499
Part III Fund	ding percentages							
14 Funding targe	t attainment percentage .	,	<i></i> .			14	105.65	- %
		ntage				15	116.19	9 %
		ses of determining whether carryover						
		· · · · · · · · · · · · · · · · · · ·				16	114.31	L %
		an is less than 70 percent of the fund				17		%
Part IV Cont	tributions and liquidity :	shortfalls						
18 Contributions	made to the plan for the the	plan year by employer(s) and emplo	yees:					
(a) Date	(b) Amount paid by	(c) Amount paid by	(a) Date	(b) Amount paid by		(c) Amo	unt paid by	
(MM-DD-YYYY)	employer(s)	employees	(MM-DD-YYYY)	employer(s)		emp	loyees	
10/27/2010	50,0	00	03/04/2011	44	1,399			
					, 399 18(	c)		
		instructions for small plan with a valu		beginning of the year:				
a Contributio	ns allocated toward unpaid	minimum required contribution from p	orior years	• • • • • • • • • • • •	19a			0
		•		• • • • • • • • • •	19b			0
<del></del>		quired contribution for current year adjust	ed to valuation date		19c			,482
20 Quarterly cont	ributions and liquidity shortfa	all(s):			ik ti			100
•	n have a "funding shortfall" !	, ,		• • • • • • • • • •		∐ Yes	X No	
		installments for the current year made	•	er?	gataa	<u> </u> Yes	No	
<b>c</b> If 20a is "Y	es," see instructions and cor	mplete the following table as applicate			(6.4)			4.6
	(A) 4	Liquidity shortfall as of er	r	s plan year	1 / 10	411		
	(1) 1st	(2) 2nd	(3) 3rd		(4)	4th		

Part V Assumpt	tions used to determine fo	unding target and target nor	mal cost		
21 Discount rate:	f	0-4	0		
a Segment rates:	1st segment	2nd segment	3rd segment		N/A, full yield curve used
	3.92 %	6.40 %	6.61 %		
	<del></del>	· · · · · · · · · · · · · · · · · · ·		21b	
				22	62
23 Mortality table(s) (		rescribed combined	Prescribed separate		Substitute
Part VI Miscella					
		actuarial assumptions for the curr			
attachment					
		t plan year? If "Yes," see instruction			
		tive Participants? If "Yes," see inst		anacı	nment x Yes No
•		funding rules, enter applicable co		27	
regarding attachm				21	
	• • • • • • • • • • • • • • • • • • • •	m required contributions for		28	1
		or years			0
		vard unpaid minimum required cor			
				29 30	0
		contributions (item 28 minus item	29)	30	<u> </u>
Complete Complete Strategic Complete Co	m required contribution for	. 7		31	75,917
		nstructions)		31	Installment
32 Amortization insta			Outstanding Balance		nistaiineni 0
				0	0
· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>	0	0
		, enter the date of the ruling letter		22	
(Month	Day Yea		mount	33	0
	uirement before reflecting carry			۱.,	75 017
(item 31 + item 32	2a + item 32b - item 33)	Communication to the contract of the contract	Prefunding Balance	34	75, 917 Total balance
		Carryover balance	Prelutioning Balance	0	10tal balance
	offset funding requirement		<u></u>	36	<b></b>
	equirement (item 34 minus item			30	75,917
		d contribution for current year adju			
				37	94,482
		t year (see instructions)		39	18,565
		nt year (excess, if any, of item 36 of			
40 Unpaid minimum	required contribution for all yea	ars	<u> </u>	40	

# Schedule SB, Part V Statement of Actuarial Assumptions/Methods

#### **Trans-Chemical Corporation Defined Benefit Plan** 59-1523493 / 002

### For the plan year 1/1/2010 through 12/31/2010

Valuation Date:

12/31/2010

**Funding Method:** 

As prescribed in IRC Section 430

Age - Eligibility age at last birthday and other ages at nearest birthday

Retrospective Compensation - Current compensation

Form of Payment - Assumed form of payment for funding is lump sum which is the Hypothetical Account Balance. Funding Target for lump sum is the current Hypothetical Account Balance projected to the assumed retirement date using the Interest Credit Rate discounted using appropriate segment rate. Lump sum on plan actuarial equivalence rates will not exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or b) the greater of plan actuarial equivalence interest and mortality or 417(e) Minimum

Interest Rates -

Segmen Val Date	t rates as pe	for the mitted	Fourth under I	Month RC 430	Prior to 0(h)(2)(	C)
Segme	nt#		Yea	r	Rate	%
Segme	nt 1		0 - 5	5	3.9	)2
Segme			6-2	0:	6.4	10
Segme	nt 3		> 20	)	6.6	31

Pre-Retirement - Mortality Table -

Turnover/Disability -None

Safary Scale -None Interest Credit Rate -5.00

Expense Load -None Ancillary Ben Load -None

Post-Retirement - Mortality Table -

10C - 2010 Funding Target - Combined - IRC 430(h)(3)(A)

Cost of Living -

None

None

**Asset Valuation Method:** 

Fair market value of assets adjusted for contributions under IRC 430(g)(4)

#### **Discrimination Test Assumptions:**

HCE Determination - Based on all employees

Otherwise Excludable - Otherwise Excludable HCEs are included with the Not Otherwise Excludable employees

#### 410(b)/401(a)(4) Testing:

Pre-Retirement - Interest -

8.5%

Post-Retirement - Interest -

8.5%

Mortality Table -

G71M - 1971 Group Annuity (male)

Permissively Aggregated Plans - Tested as a Single Plan

Compensation - Use current compensation to calculate the benefit accrual rate (annual method)

Testing Age - Normal retirement age or attained age, if older

Normal Form for MVAR - Joint with 50% Survivor Benefits

# Schedule SB, Part V **Summary of Plan Provisions**

#### **Trans-Chemical Corporation Defined Benefit Plan** 59-1523493 / 002

# For the plan year 1/1/2010 through 12/31/2010

**Employer:** 

Trans-Chemical Corporation

Type of Entity -

C-Corporation

EIN: 59-1523493

Plan #: 002

Dates:

Effective - 1/1/2008

Year end - 12/31/2010

Valuation - 12/31/2010

Eligibility:

All employees excluding non-resident aliens, members of an excluded class and union

Hours Required for - Eligibility - 1000

Minimum age - 18 Months of service - 12

Benefit accrual - 1000

Vesting - 1000

First day of 1st or 7th month of plan year on or next following eligibility satisfaction

**Retirement:** 

Normal - Anniversary date coincident with or nearest following attainment of age 62

Early - Not provided

**Average Compensation:** 

Current compensation

Top Heavy Minimum Benefit - Highest 5 consecutive top heavy years of participation

Plan Benefits:

Retirement - Actuarial equivalent of the hypothetical account balance derived from annual Pay Credits and Interest Credits. Pay Credits -Classification

Pay Credit Formula Lesser of 50.00% of Compensation or \$100,000

1 2

Lesser of 3.50% of Compensation or \$2,500

Accrued Benefit - Hypothetical Account Balance

Minimum Benefit - None Maximum Benefit - None

Maximum allowable distribution is lump sum equivalent of normal form not to exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or

b) the greater of plan actuarial equivalence interest and mortality or 417(e) Minimum

Present Value of Accrued Benefit Death Benefit -

**Top Heavy Minimum:** 

None

**IRS Limitations:** 

415 Limits -

Percent: 100

Dollar: \$195,000

Maximum 401(a)(17) compensation - \$245,000

Normal Form:

Life Annuity

**Optional Forms:** 

Lump Sum

Joint with 50%, 75% or 100% Survivor Benefit

Vesting Schedule:

100% vested in 3 years.

Service is calculated using all years of service except years prior to plan effective date and age 18

Present Value of Accrued Benefit: Based on the Hypothetical Account Balance.

Actuarial Equivalence:

Pre-Retirement - Interest -

Post-Retirement - Interest -

5%

Mortality Table -None

5%

Mortality Table -

G94 - 1994 Group Annuity Reserving Proj 2002, Scale AA (unisex)

# Schedule SB, line 22 Description of Weighted Average Retirement Age Trans-Chemical Corporation Defined Benefit Plan 59-1523493 / 002 For the plan year 1/1/2010 through 12/31/2010

The age reported is the average of the assumed retirement ages for all active participants as of the valuation date rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's normal retirement age. Each participant's rate of retirement is assumed to be 100% of his/her assumed retirement age.

# Schedule SB, line 26 -Schedule of Active Participant Data

# **Trans-Chemical Corporation Defined Benefit Plan**

59-1523493/002

For the plan year 1/1/2010 through 12/31/2010

#### **Years of Credited Service**

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