

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 2011 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2011 or fiscal plan year beginning <u>01/01/2011</u> and ending <u>12/31/2011</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ a single-employer plan; ☐ a DFE (specify) ____
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 If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information		
1a Name of plan	<u>TRI TECH 401(K) RETIREMENT BENEFIT PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
		1c Effective date of plan	<u>03/01/1993</u>
2a Plan sponsor's name and address, including room or suite number (Employer, if for single-employer plan)	<u>TRI TECH LABORATORIES, INC.</u> <u>1000 ROBINS RD</u> <u>LYNCHBURG, VA 24504-3516</u>		
	2b Employer Identification Number (EIN)	<u>20-8080530</u>	
	2c Sponsor's telephone number	<u>434-845-7073</u>	
	2d Business code (see instructions)	<u>325900</u>	

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, 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.	10/15/2012	STEVEN FULLERTON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2012	STEVEN FULLERTON
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2011)
v.012611

3a Plan administrator's name and address (if same as plan sponsor, enter "Same") TRI TECH LABORATORIES, INC. 1000 ROBINS RD LYNCHBURG, VA 24504-3516	3b Administrator's EIN 20-8080530 3c Administrator's telephone number 434-845-7073
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4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
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5 Total number of participants at the beginning of the plan year	5	292
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6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants.....	6a	329
b Retired or separated participants receiving benefits.....	6b	0
c Other retired or separated participants entitled to future benefits.....	6c	5
d Subtotal. Add lines 6a , 6b , and 6c	6d	334
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e	1
f Total. Add lines 6d and 6e	6f	335
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	6g	49
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6h	13

7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:

2E 2F 2G 2J 2K 2T 3D

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

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ 1 **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 <hr/> 2011 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>TRI TECH 401(K) RETIREMENT BENEFIT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>TRI TECH LABORATORIES, INC.</u>	D Employer Identification Number (EIN) <u>20-8080530</u>	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
<u>42-0127290</u>	<u>61271</u>	<u>804711</u>	<u>335</u>	<u>01/01/2011</u>	<u>12/31/2011</u>

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in item 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid <u>1632</u>	(b) Total amount of fees paid <u>0</u>
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

BB & T BARGER INSURANCE NETWORK 113 S WAYNE AVE
PO BOX 700
WAYNESBORO, VA 22980-0516

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
<u>1632</u>	<u>0</u>		<u>3</u>

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	113611
5 Current value of plan's interest under this contract in separate accounts at year end	5	504326

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan check here ▶ ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ FLEXIBLE INVESTMENT ANNUITY

b Balance at the end of the previous year	7b	105733
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c Additions: (1) Contributions deposited during the year	7c(1)	5324	
(2) Dividends and credits	7c(2)		
(3) Interest credited during the year	7c(3)	3360	
(4) Transferred from separate account	7c(4)		
(5) Other (specify below)	7c(5)		
▶			

(6) Total additions	7c(6)	8684
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d Total of balance and additions (add b and c(6))	7d	114417
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e Deductions:			
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)		
(2) Administration charge made by carrier	7e(2)	767	
(3) Transferred to separate account	7e(3)		
(4) Other (specify below)	7e(4)		
▶			

(5) Total deductions	7e(5)	767
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f Balance at the end of the current year (subtract e(5) from d)	7f	113650
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged.....		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions.....	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes.....	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves.....		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier.....	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, item 2 above, report amount.	10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2011
		This Form is Open to Public Inspection.

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>TRI TECH 401(K) RETIREMENT BENEFIT PLAN</u>	B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>TRI TECH LABORATORIES, INC.</u>	D Employer Identification Number (EIN) <u>20-8080530</u>

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	4852	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III **Termination Information on Accountants and Enrolled Actuaries (see instructions)**
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2011 This Form is Open to Public Inspection.
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>TRI TECH 401(K) RETIREMENT BENEFIT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>TRI TECH LABORATORIES, INC.</u>	D Employer Identification Number (EIN) <u>20-8080530</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN MIDCAP BLEND SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-020</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>28494</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN MONEY MARKET SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-024</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1007</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN INTL EMERG MARKETS SA-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-013</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>6926</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN LGCAP VALUE SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-019</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>12991</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN SMCAP VALUE SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-031</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>300</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN LGCAP GROWTH SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-018</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>49042</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN MIDCAP GROWTH SEP ACCT-R1</u>			
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>			
c EIN-PN <u>42-0127290-021</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>10125</u>	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN U.S. PROPERTY SEP ACCT-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-027	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4044
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN BOND AND MORTGAGE SA-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-005	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12334
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN DIVERSIFIED INTL SA-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-015	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4100
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP VALUE I SA-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-043	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16955
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN INTL I SEPARATE ACCT-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-048	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 23015
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP S&P 600 INDEX SA-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-028	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11855
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN INTL GROWTH SEP ACCT-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-064	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMALLCAP GROWTH I SA-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-070	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 21313
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2010 SEP ACCT-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-075	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8453
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2020 SEP ACCT-R1		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-076	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 59645

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2030 SEP ACCT-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-077	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	98859
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2040 SEP ACCT-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-078	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	41943
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2050 SEP ACCT-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-079	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	7215
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME STRAT INC SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-080	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	24175
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN DISC LARGE CAP BLEND SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-092	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	0
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM BALANCED SEP ACCT-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-105	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	9353
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM CONS BALANCED SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-106	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1026
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM CONS GROWTH SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-107	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	9694
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM FLEXIBLE INCOME SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-108	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	347
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM STRAT GROWTH SA-R1			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-109	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	2743

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CAPITAL APPR SA-R1**b** Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY**c** EIN-PN 42-0127290-119**d** Entity
code P**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

38371

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2011
		This Form is Open to Public Inspection

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011		
A Name of plan TRI TECH 401(K) RETIREMENT BENEFIT PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 TRI TECH LABORATORIES, INC.	D Employer Identification Number (EIN) 20-8080530	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities.....	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	11193	6579
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts.....	1c(10)	591374	504326
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	105573	113611
(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	708140	624516

Liabilities

g Benefit claims payable	1g	0	
h Operating payables	1h	0	
i Acquisition indebtedness	1i	0	
j Other liabilities	1j	0	
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	708140	624516
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income**a Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	0	
(B) Participants	2a(1)(B)	78708	
(C) Others (including rollovers)	2a(1)(C)	0	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		78708

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	454	
(F) Other	2b(1)(F)	3360	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		3814
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0

		(a) Amount	(b) Total
2b (5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-19288
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		0
c Other income.....	2c		120
d Total income. Add all income amounts in column (b) and enter total.....	2d		63354

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	142126	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		142126
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions).....	2g		0
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	4852	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		4852
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		146978

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-83624
l Transfers of assets:			
(1) To this plan.....	2l(1)		0
(2) From this plan	2l(2)		0

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified **(2)** ☐ Qualified **(3)** ☒ Disclaimer **(4)** ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: CHERRY, BEKAERT & HOLLAND, LLP

(2) EIN: 56-0574444

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. **(2)** ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

- 4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete 4j and 4l. MTIAs also do not complete 4l.

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? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....		X	0
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....		X	0
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	0
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	0
e Was this plan covered by a fidelity bond?.....	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.).....		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?.....		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

- 5a** Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... ☐ Yes ☒ No Amount:

- 5b** 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.)

5b(1) Name of plan(s)

5b(2) EIN(s)	5b(3) PN(s)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2011 This Form is Open to Public Inspection.
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For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan <u>TRI TECH 401(K) RETIREMENT BENEFIT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>TRI TECH LABORATORIES, INC.</u>	D Employer Identification Number (EIN) <u>20-8080530</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>42-0127290</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?.....	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?.....	☐ Yes	☐ No	☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. Complete as many entries as needed to report all applicable employers.

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	14a	
b The plan year immediately preceding the current plan year	14b	
c The second preceding plan year	14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If item 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

- 19** If the total number of participants is 1,000 or more, complete items (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate item 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Lynchburg, Virginia

Financial Statements and Supplemental Schedule
As of December 31, 2011 and 2010
and for the year ended December 31, 2011

TRI TECH 401(K) RETIREMENT BENEFIT PLAN

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Form 5500, Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)	15
 Note: All other schedules required by section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.	



Report of Independent Auditors

Plan Administrator and Participants
Tri Tech 401(k) Retirement Benefit Plan
Lynchburg, Virginia

We were engaged to audit the financial statements of Tri Tech 401(k) Retirement Benefit Plan (the "Plan") as of December 31, 2011 and 2010 and for the year ended December 31, 2011, and the supplemental schedule as of December 31, 2011, as listed in the accompanying contents. These financial statements and supplemental schedule are the responsibility of the Plan's management.

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Notes 3 and 8, which was certified by Principal Life Insurance Company, the custodian of the Plan, except for comparing such information with the related information included in the financial statements and supplemental schedule. We have been informed by the Plan administrator that the custodian holds the Plan's investment assets and executed investment transactions. The Plan administrator has obtained a certification from the custodian as of December 31, 2011 and 2010 and for the year ended December 31, 2011, that the information provided to the Plan administrator by the custodian is complete and accurate.

Because of the significance of the information that we did not audit, we are unable to, and do not, express an opinion on the accompanying financial statements and supplemental schedule taken as a whole. The supplemental schedule is presented for the purpose of additional analysis and is not a required part of the financial statements but is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the custodian, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Cherry, Bekaert & Holland, LLP

Lynchburg, Virginia
October 12, 2012

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Statements of Net Assets Available for Benefits
December 31, 2011 and 2010

	<u>2011</u>	<u>2010</u>
Assets		
Investments, at fair value		
Pooled separate accounts	\$ 504,326	\$ 591,374
Guaranteed funds	<u>113,611</u>	<u>105,573</u>
Total investments, at fair value	<u>617,937</u>	<u>696,947</u>
Receivables		
Notes receivable from participants	<u>6,579</u>	<u>11,193</u>
Net assets available for benefits	<u><u>\$ 624,516</u></u>	<u><u>\$ 708,140</u></u>

See notes to financial statements.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Statement of Changes in Net Assets Available for Benefits
Year ended December 31, 2011

Additions to (deductions from) net assets attributed to:

Investment income (loss)

Net depreciation in fair value of investments	\$ (19,168)
Interest income	<u>3,360</u>

Net investment loss (15,808)

Participant contributions	78,708
Interest income on notes receivable from participants	454
Benefits paid to participants	(142,126)
Administrative expenses	<u>(4,852)</u>

Net decrease (83,624)

Net assets available for benefits at beginning of year 708,140

Net assets available for benefits at end of year \$ 624,516

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 1 - Description of the Plan

The following description of the Tri Tech 401(k) Retirement Benefit Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan agreement for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan covering substantially all full-time employees of Tri Tech Laboratories, Inc. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Administration

Tri Tech Laboratories, Inc. (the “Company”) is the Plan administrator. All investments of the Plan are held by the custodian, Principal Life Insurance Company (Principal).

Eligibility

All employees who have attained age 21 and completed one year of service are eligible to participate in the Plan, with the exception of union and nonresident alien employees.

Contributions

Eligible employees may contribute any percentage of pretax annual compensation up to the dollar limitation set forth in section 402(g) of the Internal Revenue Code at the beginning of the taxable year.

Employer contributions

The Company has the option to make a matching contribution and/or a discretionary contribution to the Plan. The Company made no such contributions to the Plan during the year ended December 31, 2011.

Participant accounts

Each participant’s account is credited with the participant’s contributions and allocations of (a) the Company’s contributions, (b) Plan earnings, and (c) administrative expenses not paid by the Company. Allocations are based on participant compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Participant investment options

Participants may direct the investment of their contributions into various investment options offered by the Plan. Participants may change their investment options daily.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 1 - Description of the Plan (continued)

Vesting

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in the Company's contribution portion of their accounts is based on years of continuous service. A participant is 100% vested in Company matching contributions after six years of continuous service. A participant's vesting schedule is as follows:

<u>Years of Service</u>	<u>Vested Percentage</u>
Less than 2	0%
2	20%
3	40%
4	60%
5	80%
6 or more	100%

Notes receivable from participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their account balance. Repayment terms for the loan are for a period not exceeding five years, unless the loan is for the purchase of the participant's principal residence, in which case the loan must be payable within a reasonable time commensurate with the repayment period permitted by commercial lenders for similar loans. The balance is amortized in equal installments over the life of the loan. The loans are collateralized by the balance in the participant's account and bear interest at the prime rate, as published in The Wall Street Journal on the day of the loan request, plus 1%. Principal and interest is paid ratably through monthly payroll deductions.

Termination of service and payment of benefits

On termination of service due to death, disability, normal retirement (age 65), or any other reason, a participant will receive a lump-sum amount equal to the value of the participant's vested interest in his or her account.

Forfeitures

Forfeited nonvested accounts are used to reduce future employer matching and nonelective contributions. There were no forfeited employer contributions for the year ended December 31, 2011. There were no forfeited nonvested accounts as of December 31, 2011 and 2010.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 1 - Description of the Plan (continued)

Administrative expenses

Certain administrative expenses, consisting of custodian, recordkeeping, and investment management fees, are paid by the Plan. Certain other accounting and third-party advisory fees are paid by the Company.

Note 2 - Summary of significant accounting policies

Basis of accounting

The financial statements of the Plan are prepared in conformity with accounting principles generally accepted in the United States of America (GAAP).

Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Accordingly, actual results may differ from those estimates.

Risks and uncertainties

Investment securities, in general, are subject to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the Statements of Net Assets Available for Benefits.

Investment income recognition

Purchases and sales of securities are recorded on a trade-date basis. Income from investments is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Investment income, as shown in the financial statements, includes interest, dividends, and net realized and unrealized appreciation and depreciation.

Fair value measurements

The Plan follows the Fair Value Measurements topic of the Financial Accounting Standards Board (FASB) Accounting Standards Codification which defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction value hierarchy which requires an entity to maximize the use of observable inputs when measuring fair value.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 2 - Summary of significant accounting policies (continued)

Fair value measurements (continued)

The standard describes three levels of inputs that may be used to measure fair value:

Level 1 - Inputs to the valuation methodology are quoted prices available in active markets for identical investments as of the reporting date;

Level 2 - Inputs to the valuation methodology are other than quoted prices in active markets, which are either directly or indirectly observable as of the reporting date, and fair value can be determined through the use of models or other valuation methodologies; and

Level 3 - Inputs to the valuation methodology are unobservable inputs in situations where there is little or no market activity for the asset or liability and the reporting entity makes estimates and assumptions related to the pricing of the asset or liability including assumptions regarding risk.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The following is a description of the valuation methodologies used for instruments measured at fair value, including the general classification of such instruments pursuant to the valuation hierarchy. There have been no changes in the methodologies used at December 31, 2011 and 2010.

Pooled separate accounts

The pooled separate accounts invest mainly in mutual funds and fixed securities. The fair value of the underlying mutual funds are publicly quoted pricing inputs and are used in determining the Net Asset Value (NAV) of the pooled separate accounts, which is not publicly quoted. The NAV is classified within Level 2 of the valuation hierarchy because the NAV's unit price is quoted on a private market that is not active. The fixed securities have observable Level 2 pricing inputs, including quoted prices for similar assets in active or non-active markets. The U.S. Property separate account invests in real estate assets. The fair value of the underlying real estate is estimated using discounted cash flow valuation models that utilize public real estate market data inputs. Since these pricing inputs are unobservable, the U.S. Property separate account is classified within Level 3 of the valuation hierarchy.

Guaranteed funds

These investments are made by the Plan in Unallocated Group Fixed Annuity Contracts which are invested in the general assets of Principal who guarantees a fixed interest rate. The investment contracts are valued at estimated fair value which approximates contract value as determined by Principal. The NAV for the investment contracts is \$1. Principal investment contracts are classified within Level 3 of the valuation hierarchy.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 2 - Summary of significant accounting policies (continued)

Payment of benefits

Benefit payments to participants are recorded upon distribution.

Notes receivable from participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable are reclassified as distributions based upon the terms of the Plan document.

Subsequent events

Management of the Plan has evaluated subsequent events through October 12, 2012, which is the date the financial statements were available to be issued. No transactions requiring disclosure have occurred through this date.

New accounting pronouncements

In January 2010, the FASB issued guidance to improve disclosures regarding fair value measurements. This update requires entities to (i) disclose separately the amounts of significant transfers in and out of Level 1 and Level 2 fair value measurements and describe the reasons for the transfers and (ii) present separately (i.e., on a gross basis rather than as one net number), information about purchases, sales, issuances, and settlements in the roll forward of changes in Level 3 fair value measurements. The update requires fair value disclosures by class of assets and liabilities rather than by major category or line item in the statement of net assets. Disclosures regarding the valuation techniques and inputs used to measure fair value for both recurring and nonrecurring fair value measurements for assets and liabilities in both Level 2 and Level 3 are also required. For all portions of the update, except the gross presentation of activity in Level 3 roll forward, this standard is effective for interim and annual reporting periods beginning after December 15, 2009. For the gross presentation of activity in the Level 3 roll forward, this guidance is effective for fiscal years beginning after December 15, 2010. As this guidance is only disclosure related, it did not have any changes to the carrying value of the investments on the Statements of Net Assets Available for Benefits as of December 31, 2011 and 2010.

Upcoming accounting pronouncements

In May 2011, the FASB issued guidance to provide a consistent definition of fair value and ensure that the fair value measurement and disclosure requirements are similar between GAAP and International Financial Reporting Standards. This update changes certain fair value measurement principles and enhances the disclosure requirements particularly for Level 3 fair value measurements. This guidance is effective for annual periods beginning after December 15, 2011 (the 2012 Plan year) and should be applied prospectively. Plan management is currently evaluating the impact of the pending adoption of this update on the Plan's financial statements.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 3 - Investments

The Plan's investments are held by Principal Life Insurance Company. The following table presents investments as of December 31, 2011 and 2010. Investments that represent 5% or more of total net assets available for Plan benefits are separately identified.

	<u>2011</u>	<u>2010</u>
Investments, at fair value		
Pooled separate accounts:		
LargeCap Growth	\$ 49,042	\$ 53,114
Disciplined LargeCap Blend	**	45,602
Principal Lifetime 2020	59,645	52,756
Principal Lifetime 2030	98,859	75,638
Principal Lifetime 2040	41,943	46,600
Principal Capital Appreciation	38,371	44,919
LargeCap Value	**	38,472
Other	<u>216,466</u>	<u>234,273</u>
Total pooled separate accounts	<u>504,326</u>	<u>591,374</u>
Guaranteed funds:		
Principal Guaranteed Interest Account, Matures December 31, 2012	71,526	69,157
Other	<u>42,085</u>	<u>36,416</u>
Total guaranteed funds	<u>113,611</u>	<u>105,573</u>
Total investments, at fair value	\$ <u>617,937</u>	\$ <u>696,947</u>

** Balance less than 5% of total net assets available for Plan benefits at end of corresponding year.

The Plan's investments (including gains and losses on investments bought and sold, as well as held during the year) depreciated in value by \$19,168 for the year ended December 31, 2011, as follows:

Net change in fair value

Guaranteed funds	\$ 120
Pooled separate accounts	(<u>19,288</u>)
	\$ (<u>19,168</u>)

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 4 - Fair value of financial instruments, carried at fair value

See “Fair value measurements” in Note 2 above for discussions of the methodologies and assumptions used to determine the fair value of the Plan’s investments.

Below are the Plan’s financial instruments carried at fair value on a recurring basis by the fair value hierarchy levels described in Note 2.

As of December 31, 2011				
	Quoted Prices In Active Markets for Identical Assets (Level 1)	Significant Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value
Assets:				
Pooled separate accounts:				
Growth funds ^(a)	\$ -	\$ 92,917	\$ -	\$ 92,917
Fixed income funds ^(b)	-	24,523	-	24,523
Index funds ^(a)	-	11,855	-	11,855
International equity funds ^(a)	-	34,041	-	34,041
Multi-asset funds ^(a)	-	305,693	-	305,693
Money market fund ^(c)	-	1,007	-	1,007
U.S. property funds ^(d)	-	-	4,044	4,044
Value funds ^(a)	-	30,246	-	30,246
Guaranteed funds	-	-	113,611	113,611
Total assets	\$ -	\$ 500,282	\$ 117,655	\$ 617,937

As of December 31, 2010				
	Quoted Prices In Active Markets for Identical Assets (Level 1)	Significant Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value
Assets:				
Pooled separate accounts:				
Growth funds	\$ -	\$ 95,837	\$ -	\$ 95,837
Fixed income funds	-	26,525	-	26,525
Index funds	-	12,030	-	12,030
International equity funds	-	52,424	-	52,424
Multi-asset funds	-	299,636	-	299,636
Money market fund	-	44,919	-	44,919
U.S. property funds	-	-	3,255	3,255
Value funds	-	56,748	-	56,748
Guaranteed funds	-	-	105,573	105,573
Total assets	\$ -	\$ 588,119	\$ 108,828	\$ 696,947

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 4 - Fair value of financial instruments, carried at fair value (continued)

The following table reconciles the beginning and ending balances of fair value measurements using significant unobservable inputs (Level 3) for the year ended December 31, 2011:

	Guaranteed Funds	Pooled Separate Accounts	Total
Balance, beginning of year	\$ 105,573	\$ 3,255	\$ 108,828
Interest income	3,360	-	3,360
Appreciation in fair value	120	490	610
Administrative expenses	(767)	(25)	(792)
Purchases	5,325	324	5,649
Sales	<u>-</u>	<u>-</u>	<u>-</u>
Balance, end of year	\$ <u>113,611</u>	\$ <u>4,044</u>	\$ <u>117,655</u>

For investments in entities that calculate NAV or its equivalent per share whose fair value is not readily determinable, the Plan discloses the fair value and subscription and redemption frequency as of December 31, 2011. As described in Note 2, the Plan holds units of participation in pooled separate accounts which are valued as determined by their NAV. Their redemption and subscription frequencies are daily. As of December 31, 2011, the funds have no redemption notice periods or unfunded commitments. In addition, the Plan discloses the investment objectives for each category of these investments.

- (a) These investment vehicles invest in various funds which to approximate the risk and return characterized by various indices, to seek long term capital appreciation, to provide diversified exposure representative of various segments of the U.S. or foreign equity market, and/or to seek income.
- (b) This category represents investments in an actively managed pooled separate account fund that invests in equity and debt securities with an asset allocation strategy designed for investors primarily seeking current income.
- (c) This category represents investments in an actively managed pooled separate account with investments in high-quality, short-term money market instruments issued and payable in U.S. dollars which seeks to maintain a net asset value of \$1.00 per share.
- (d) This category represents investments in an actively managed pooled separate account with investments primarily in commercial real estate holdings. Investments in this category seek returns through income from lease payments and appreciation in the marketable value of property holdings.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 5 - Party-in-interest transactions

Plan investments are units of pooled separate accounts and guaranteed funds owned and managed by Principal. Principal is the custodian as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. In addition, notes receivable from participants are considered to be party-in-interest transactions because they are transacted with Plan participants. Fees paid during the year for accounting and other services rendered by parties-in-interest were based on customary and reasonable rates for such services.

Note 6 - Plan termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event that the Plan is terminated, participants would become 100% vested in their accounts.

Note 7 - Income tax status

The Plan operates under a non-standardized prototype plan document sponsored by Principal. Principal received a favorable opinion letter from the Internal Revenue Service (IRS) dated March 31, 2008 on the prototype plan's acceptability under Section 401 of the Internal Revenue Code (IRC). The Plan has been amended since receiving the opinion letter. However, the Plan administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC and has no income subject to unrelated business income tax and therefore, the Plan and related trust continue to be tax-exempt.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more than likely would not be sustained upon examination by the IRS. Plan Management has analyzed the tax positions taken by the Plan, and has concluded that, as of December 31, 2011 and 2010, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to audit by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. Plan management believes it is no longer subject to income tax examinations for years prior to 2008.

Note 8 - Information prepared and certified by the custodian

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Principal Life Insurance Company, the custodian of the Plan, has certified to the completeness and accuracy of all investments and notes receivable from participants reflected in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2011 and 2010 and the related income reflected in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2011. Additionally, Principal Life Insurance Company has certified to the completeness and accuracy of all investments reflected in the Schedule of Assets (Held at End of Year) as of December 31, 2011.

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Notes to Financial Statements
December 31, 2011 and 2010

Note 9 - Excess contributions

The Plan failed to pass certain nondiscrimination tests for the 2011 Plan year. Total contributions for 2011 include \$9,532 in excess contributions related to the testing failures which were reapplied to the affected participants' accounts as catch-up contributions in order to bring the Plan into compliance with the nondiscrimination tests.

Supplemental Schedule

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Schedule of Assets (Held at End of Year)
December 31, 2011
EIN: 54-1608209 PL: 001
(Form 5500, Schedule H, Part IV, Line 4i)

(a)	(b)	(c)	(d)	(e)
Party- in- Interest	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
Pooled separate accounts				
*	Principal Life Insurance Company	Money Market	**	\$ 1,007
*	Principal Life Insurance Company	Bond and Mortgage	**	12,334
*	Principal Life Insurance Company	U.S. Property	**	4,044
*	Principal Life Insurance Company	SAM Balanced	**	9,353
*	Principal Life Insurance Company	SAM Conservative Balanced	**	1,026
*	Principal Life Insurance Company	SAM Conservative Growth	**	9,694
*	Principal Life Insurance Company	SAM Flex Income	**	347
*	Principal Life Insurance Company	SAM Strategic Growth	**	2,743
*	Principal Life Insurance Company	Principal Lifetime Strategic Income	**	24,175
*	Principal Life Insurance Company	Principal Lifetime 2010	**	8,453
*	Principal Life Insurance Company	Principal Lifetime 2020	**	59,645
*	Principal Life Insurance Company	Principal Lifetime 2030	**	98,859
*	Principal Life Insurance Company	Principal Lifetime 2040	**	41,943
*	Principal Life Insurance Company	Principal Lifetime 2050	**	7,215
*	Principal Life Insurance Company	LargeCap Growth	**	49,042
*	Principal Life Insurance Company	Diversified International	**	4,100
*	Principal Life Insurance Company	LargeCap Value	**	12,992
*	Principal Life Insurance Company	SmallCap Growth I	**	21,313
*	Principal Life Insurance Company	MidCap Growth	**	10,125
*	Principal Life Insurance Company	MidCap Value I	**	16,955
*	Principal Life Insurance Company	MidCap Blend	**	28,494
*	Principal Life Insurance Company	SmallCap S&P 600 Index SA	**	11,855
*	Principal Life Insurance Company	SmallCap Value	**	300
*	Principal Life Insurance Company	International I	**	23,015
*	Principal Life Insurance Company	International Emerging Markets	**	6,926
*	Principal Life Insurance Company	Capital Appreciation	**	38,371
Total pooled separate accounts				504,326
Guaranteed funds				
*	Principal Life Insurance Company	48 months, 4.13%	**	71,526
*	Principal Life Insurance Company	48 months, 1.45%	**	24,766
*	Principal Life Insurance Company	48 months, 1.28%	**	4,698
*	Principal Life Insurance Company	48 months, 0.88%	**	7,337
*	Principal Life Insurance Company	48 months, 0.60%	**	5,284
Total guaranteed funds				113,611

(continued)

TRI TECH 401(K) RETIREMENT BENEFIT PLAN
Schedule of Assets (Held at End of Year) (continued)
December 31, 2011
EIN: 54-1608209 PL: 001
(Form 5500, Schedule H, Part IV, Line 4i)

(a)	(b)	(c)	(d)	(e)
Party- in- Interest	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
	Other			
*	Participant notes	5.25% - 8.25%	**	\$ <u>6,579</u>
	Total assets held at end of year			\$ <u><u>624,516</u></u>

* Represents a party-in-interest.

** Cost omitted for participant-directed investments.

The above information has been certified by Principal Life Insurance Company, the custodian, as complete and accurate.

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)**SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

TRI TECH 401(K) RETIREMENT BENEFIT PLAN

EIN 20-8080530

PLAN NUMBER 001

PLAN YEAR 01/01/2011 TO 12/31/2011

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Life Insurance Company	Insurance Company General Guaranteed Interest	\$ 0.00	\$ 113,610.56
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Bond and Mortgage SA-R1	\$ 0.00	\$ 12,334.18
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Intl Emerg Markets SA-R1	\$ 0.00	\$ 6,926.16
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Intl I Separate Acct-R1	\$ 0.00	\$ 23,014.83
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LgCap Growth Sep Acct-R1	\$ 0.00	\$ 49,041.86
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LgCap Value Sep Acct-R1	\$ 0.00	\$ 12,991.49
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime Strat Inc SA-R1	\$ 0.00	\$ 24,175.49
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2010 Sep Acct-R1	\$ 0.00	\$ 8,453.35
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2020 Sep Acct-R1	\$ 0.00	\$ 59,644.61
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2030 Sep Acct-R1	\$ 0.00	\$ 98,859.43
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2040 Sep Acct-R1	\$ 0.00	\$ 41,942.83
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2050 Sep Acct-R1	\$ 0.00	\$ 7,215.26
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Blend Sep Acct-R1	\$ 0.00	\$ 28,494.45
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Growth Sep Acct-R1	\$ 0.00	\$ 10,125.15
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Value I SA-R1	\$ 0.00	\$ 16,954.82

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

TRI TECH 401(K) RETIREMENT BENEFIT PLAN

EIN 20-8080530
PLAN NUMBER 001
PLAN YEAR 01/01/2011 TO 12/31/2011

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Money Market Sep Acct-R1	\$ 0.00	\$ 1,006.84
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmallCap Growth I SA-R1	\$ 0.00	\$ 21,312.66
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap S&P 600 Index SA-R1	\$ 0.00	\$ 11,855.16
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap Value Sep Acct-R1	\$ 0.00	\$ 300.40
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Balanced Sep Acct-R1	\$ 0.00	\$ 9,353.06
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Cons Balanced SA-R1	\$ 0.00	\$ 1,025.97
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Cons Growth SA-R1	\$ 0.00	\$ 9,694.04
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Flexible Income SA-R1	\$ 0.00	\$ 346.57
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Strat Growth SA-R1	\$ 0.00	\$ 2,743.02
*	Principal Life Insurance Company	Pooled Separate Accounts Prin U.S. Property Sep Acct-R1	\$ 0.00	\$ 4,043.96
*	Principal Life Insurance Company	Pooled Separate Accounts PRIN CAPITAL APPR SA-R1	\$ 0.00	\$ 38,370.92
*	Principal Life Insurance Company	Pooled Separate Accounts PRIN DIVERSIFIED INTL SA-R1	\$ 0.00	\$ 4,099.63
	Participant Loans	Range of Interest Rates Rates Range From 5.25% To 8.25%	\$ 0.00	\$ 6,579.00