Form 5500	Annual Return/Report of Employee Benefit Plan	OMB Nos. 1210-0110 1210-0089
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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), and 6058(a) of the Internal Revenue Code (the Code). ▶ **Complete all entries in accordance with the instructions to the Form 5500.**	**2009** **This Form is Open to Public Inspection**

Part I Annual Report Identification Information

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A This return/report is for:
- [ ] a multiemployer plan;
- [ ] a multiple-employer plan; or
- [X] 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:
- [X] Form 5558;
- [ ] automatic extension;
- [ ] the DFVC program;
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
RTI INTERNATIONAL METALS, INC. EMPLOYEE SAVINGS AND INVESTMENT PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 11/01/1979

2a Plan sponsor's name and address (employer, if for a single-employer plan) (Address should include room or suite no.)
RMI TITANIUM

1000 WARREN AVENUE
NILES, OH 44446

1000 WARREN AVENUE
NILES, OH 44446

2b Employer Identification Number (EIN) 52-2115953

2c Sponsor's telephone number 330-652-9951

2d Business code (see instructions) 331400

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.	10/12/2010	MICHAEL SHAUGHNESSY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2010	JOHN ROWLAND
	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.

3a Plan administrator's name and address (if same as plan sponsor, enter "Same") RMI TITANIUM 1000 WARREN AVENUE NILES, OH 44446	**3b** Administrator's EIN 52-2115953 **3c** Administrator's telephone number 330-652-9951

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

5 Total number of participants at the beginning of the plan year	**5**	904
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**	277
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	180
d Subtotal. Add lines **6a**, **6b**, and **6c**	**6d**	457
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	5
f Total. Add lines **6d** and **6e**	**6f**	462
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	335
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	29
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

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 3H

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)			**9b** Plan benefit arrangement (check all that apply)		
(1)	☐	Insurance	**(1)**	☐	Insurance
(2)	☐	Code section 412(e)(3) insurance contracts	**(2)**	☐	Code section 412(e)(3) insurance contracts
(3)	X	Trust	**(3)**	X	Trust
(4)	☐	General assets of the sponsor	**(4)**	☐	General assets of the sponsor

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			**b General Schedules**			
(1)	X	**R** (Retirement Plan Information)	**(1)**	X		**H** (Financial Information)
(2)	☐	**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	**(2)**	☐		**I** (Financial Information – Small Plan)
			(3)	☐	___	**A** (Insurance Information)
			(4)	X		**C** (Service Provider Information)
(3)	☐	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	**(5)**	X		**D** (DFE/Participating Plan Information)
			(6)	☐		**G** (Financial Transaction Schedules)

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).	2009
Department of Labor Employee Benefits Security Administration	▶ **File as an attachment to Form 5500.**	**This Form is Open to Public Inspection.**
Pension Benefit Guaranty Corporation		

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan
RTI INTERNATIONAL METALS, INC. EMPLOYEE SAVINGS AND INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM

D Employer Identification Number (EIN)
52-2115953

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

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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)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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?
64 65	RECORDKEEPER	27488	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] 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 [ ]

(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

(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

(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

(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

(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

(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)	DFE/Participating Plan Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	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.**	**2009** **This Form is Open to Public Inspection.**

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan
RTI INTERNATIONAL METALS, INC. EMPLOYEE SAVINGS AND INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM

D Employer Identification Number (EIN)
52-2115953

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)

a Name of MTIA, CCT, PSA, or 103-12 IE: RMI TITANIUM MASTER TRUST

b Name of sponsor of entity listed in (a): RMI TITANIUM TRUST

c EIN-PN 34-1913054-101 | **d** Entity code M | **e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8649411

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)

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

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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)	Financial Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2009** **This Form is Open to Public Inspection**

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan
RTI INTERNATIONAL METALS, INC. EMPLOYEE SAVINGS AND INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM

D Employer Identification Number (EIN)
52-2115953

Part I Asset and Liability Statement

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)	71448	0
(2) Participant contributions	1b(2)	131906	0
(3) Other	1b(3)		
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)	551209	218557
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	10315639	8649411
(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)		
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(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	11070202	8867968
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	11070202	8867968

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) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	410115	
(B) Participants	2a(1)(B)	1030221	
(C) Others (including rollovers)	2a(1)(C)	78605	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		1518941
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	23510	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		23510
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		

		(a) Amount	(b) Total
2b **(5)** Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		1389862
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		2932313
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	618312	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		618312
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		26880
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	27531	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		27531
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		672723
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		2259590
l Transfers of assets:			
(1) To this plan	2l(1)		25802
(2) From this plan	2l(2)		4487626

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) [X] 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 [X] No

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

(1) Name: CIUNI AND PANICHI **(2)** EIN: 34-1322309

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.)	4a		X	
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.)	4b		X	
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.)	4c		X	
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.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		25000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		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?	4g		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?	4h		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.)	4i	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.)	4j		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?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		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		X	

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)
RMI EMPLOYEE SAVINGS AND INVESTMENT	31-0875005	005
RMI BARGAINING UNIT EMPLOYEE SAVING	31-0875005	006

SCHEDULE R (Form 5500)	Retirement Plan Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2009** **This Form is Open to Public Inspection.**

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan
RTI INTERNATIONAL METALS, INC. EMPLOYEE SAVINGS AND INVESTMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM

D Employer Identification Number (EIN)
52-2115953

Part I Distributions

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** 0

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): 04-6568107 _____

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 of 412 of the Internal Revenue Code or ERISA section 302, skip this Part)

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 **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 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

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(es). If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

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.

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):

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Independent Auditors' Report

The Plan Administrator
RTI International Metals, Inc. Employee Savings and Investment Plan

We have audited the accompanying statements of net assets available for benefits of RTI International Metals, Inc. Employee Savings and Investment Plan (the "Plan") as of December 31, 2009 and 2008, and the related statement of changes in net assets available for benefits for the year ended December 31, 2009. These financial statements are the responsibility of the Plan management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2009 and 2008, and the changes in net assets available for benefits for the year ended December 31, 2009, in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental Form 5500 Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2009, is presented for the purpose of additional analysis and is not a required part of the basic financial statements, but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Ciuni & Panichi, Inc.

Cleveland, Ohio
June 28, 2010

C&P Advisors, LLC
Ciuni & Panichi, Inc.
Joel Strom Associates LLC
C&P Wealth Management, LLC

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RTI International Metals, Inc. Employee Savings and Investment Plan

Financial Statements
December 31, 2009 and 2008

RTI International Metals, Inc. Employee Savings and Investment Plan

Statements of Net Assets Available for Benefits

December 31, 2009 and 2008

	2009	2008
Assets		
Investments in RMI Titanium Master Trust, at fair value	$ 8,649,411	$ 10,315,639
Participant loans	218,557	551,209
Contributions receivable:		
Participant	-	131,906
Employer	-	71,448
Total contributions receivable	-	203,354
Net assets available for benefits, at fair value	8,867,968	11,070,202
Adjustment from fair value to contract value for fully benefit responsive investment contracts	18,779	101,562
Net assets available for benefits	$ 8,886,747	$ 11,171,764

The accompanying notes are an integral part of these financial statements.

RTI International Metals, Inc. Employee Savings and Investment Plan

Statement of Changes in Net Assets Available for Benefits

For the Year Ended December 31, 2009

	2009
Contributions:	
Participant	$ 1,030,221
Employer	410,115
Rollovers	78,605
Total contributions	1,518,941
Net investment income from Master Trust	1,307,079
Interest income on participant loans	23,510
Total additions	2,849,530
Deductions:	
Participants' benefits paid	645,192
Administrative fees	27,531
Total deductions	672,723
Net increase prior to transferred assets	2,176,807
Transfers out	(4,461,824)
Net decrease in net assets available for benefits	(2,285,017)
Net assets available for benefits:	
Beginning of year	11,171,764
End of year	$ 8,886,747

The accompanying notes are an integral part of these financial statements.

RTI International Metals, Inc. Employee Savings and Investment Plan

Notes to the Financial Statements

December 31, 2009 and 2008

Note 1: Summary of Significant Accounting Policies

The financial statements of the RTI International Metals, Inc. Employee Savings and Investment Plan (the "Plan") have been prepared in conformity with accounting principles generally accepted in the United States of America. The following are the significant accounting policies followed by the Plan.

Accounting Method

The financial statements of the Plan use the accrual method of accounting.

Use of Estimates

The preparation of the Plan's Financial Statements in conformity with accounting principles generally accepted in the United States of America requires management to make significant estimates that affect the reported amounts of net assets available for benefits at the date of the financial statements, the changes in net assets available for benefits during the reporting period, and disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

Risks and Uncertainties

Investments of the Plan are exposed to various risks, such as interest rate risk, market risk, and credit risk. Due to the level of risk associated with certain investments and the level of uncertainty related to changes in the value of investments, it is at least reasonably possible that changes in risks in the near term would materially affect investment assets reported in the Statements of Net Assets Available for Benefits and the Statement of Changes in Net Assets Available for Benefits.

Contributions

Participant contributions are made through payroll deductions and are recorded as additions to net assets available for plan benefits when the deduction is made. Participant contributions not yet deposited and amounts not funded by RMI Titanium Company (the "Company" or the "Plan Sponsor"), are recorded as contributions receivable.

Administrative Expenses

Administrative costs of the Plan are absorbed by the Plan Sponsor. However, the Plan permits the Plan Sponsor to use forfeitures to reduce administrative expenses.

Note 1: Summary of Significant Accounting Policies (continued)

Investment Fees

Net investment returns reflect certain fees paid by the investment funds to their affiliated investment advisors, transfer agents, and others as further described in each fund prospectus or other published documents. These fees are deducted prior to allocation of the RMI Titanium Master Trust (the "Master Trust") investment earnings activity and related allocation to the Plan and thus are not separately identifiable as an expense.

Payment of Benefits

Benefits are recorded when paid.

New Accounting Pronouncements

In March 2008, the FASB issued authoritative guidance which provided for additional disclosure requirements for derivative instruments and hedging activities, including disclosures as to how and why a company uses derivative instruments, how derivative instruments and related hedged items are accounted for and how derivative instruments and related hedged items affect a company's financial position, financial performance, and cash flows. The new guidance became effective as of January 1, 2009. The adoption of the guidance did not have an effect on the Plan's Financial Statements.

In April 2009, the FASB issued authoritative guidance requiring disclosures about fair value of financial instruments in interim financial statements as well as in annual financial statements. The new guidance became effective for interim reporting periods ending after June 15, 2009. The adoption of the guidance did not have an effect on the Plan's Financial Statements.

In June 2009, the FASB issued authoritative guidance that identifies the FASB Accounting Standards Codification ("ASC") as the sole source of U.S. GAAP recognized by the FASB. The Codification identifies only two levels of GAAP: authoritative and non-authoritative. The new guidance became effective for interim periods ending after September 15, 2009. We are utilizing the plain-English method for disclosures when referencing accounting standards. The adoption of the guidance did not have an effect on the Plan's Financial Statements.

In February 2010, the FASB issued authoritative guidance amending the disclosure requirements for events that occur after the balance sheet date but before financial statements are issued, eliminating the need to disclose the date through which subsequent events have been evaluated. The new guidance became effective upon issuance of the guidance on February 24, 2010. The adoption of the revised guidance did not have a material effect on the Plan's Financial Statements.

RTI International Metals, Inc. Employee Savings and Investment Plan

Notes to the Financial Statements

December 31, 2009 and 2008

Note 2: Fair Value Measurements

The FASB defines fair value as an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based upon assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, ASC 820-10 establishes a three-tier fair value hierarchy that prioritizes the inputs utilized in measuring fair value as follows: (Level 1) observable inputs such as quoted prices in active markets; (Level 2) inputs other than the quoted prices in active markets that are observable either directly or indirectly; and (Level 3) unobservable inputs in which there is little or no market data and which requires the Plan to develop its own assumptions. This hierarchy requires the Plan to use observable market data, when available, and to minimize the use of unobservable inputs when determining fair value.

A summary of the Plan's financial assets and their respective levels within the fair value hierarchy for the year ended December 31, 2009:

	Fair Value of Plan Assets			
	Level 1	Level 2	Level 3	Total
Mutual Funds	$ 6,595,988	$ -	$ -	$ 6,595,988
RTI Unitized Stock Fund	-	1,043,510	-	1,043,510
Common/Collective Trust Fund	-	1,009,913	-	1,009,913
Participant Loans	-	-	218,557	218,557
	$ 6,595,988	$ 2,053,423	$ 218,557	$ 8,867,968

A summary of the Plan's financial assets and their respective levels within the fair value hierarchy for the year ended December 31, 2008:

	Fair Value of Plan Assets			
	Level 1	Level 2	Level 3	Total
Mututal Funds	$ 7,806,313	$ -	$ -	$ 7,806,313
RTI Unitized Stock Fund	-	626,525	-	626,525
Common/Collective Trust Fund	-	1,882,801	-	1,882,801
Participant Loans	-	-	551,209	551,209
	$ 7,806,313	$ 2,509,326	$ 551,209	$ 10,866,848

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets as of December 31, 2009:

	Level 3 Assets
	Participant Loans
Balance, beginning of year	$ 551,209
Issuances, repayments and settlements, net	(332,652)
Balance, end of year	$ 218,557

Note 2: Fair Value Measurements (continued)

The Plan's mutual funds are classified within Level 1 of the fair value hierarchy because they are valued using quoted market prices. The Plan's participant loans, all of which mature by the end of 2018, are classified within Level 3 because they are derived using unobservable market data. The participant loans are included at their carrying values, in the Statements of Net Assets Available for Benefits, which approximated their fair values at December 31, 2009. The Plan's RTI unitized stock fund and common/collective trust fund ("CCT") are classified within Level 2, and explained further in Note 3 to the Plan's Financial Statements.

Note 3: Investments

The Plan invests in the Master Trust. The Master Trust invests in mutual funds, the CCT managed by Fidelity Management Trust Company ("Fidelity", the "Trustee" or the "Record Keeper"), RTI International Metals, Inc. (parent of the Company, "RTI") common stock through a unitized stock fund, and participant loans. Investments in mutual funds are managed by the Trustee and are valued at fair market value based on published quotations. Investment transactions are recorded as of the trade date. The unitized common stock fund and CCT are valued at the net value of participation units which are generally valued by the Trustee based upon quoted market prices of the underlying assets. The CCT valuation as of December 31, 2009 is calculated based upon unaudited quoted market prices of the underlying assets provided by the Trustee. Participants can obtain further information concerning the CCT from its separate audited financial statements dated September 30, 2009. Participant loans are valued at their outstanding balances, which approximates fair value. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Realized gains/losses are recorded using an average cost basis for shares in the transaction.

Common Collective Trust Fund

The FASB's authoritative guidance requires investment contracts held by a defined contribution plan to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Plan invests in investment contracts through the Master Trust. The Statements of Net Assets Available for Benefits presents the fair value of the investment in the Master Trust as well as the adjustment of the investment in the Master Trust from fair value to contract value relating to investment contracts. The Statement of Changes in Net Assets Available for Benefits is prepared on a contract value basis.

During the year ended December 31, 2009, the Plan held investments in Fidelity Managed Income Portfolio Fund ("MIP") which is a CCT managed by Fidelity Investments. The MIP is a fund of the Fidelity Group Trust for Employee Benefit Plans. The MIP invests in underlying assets, typically fixed-income securities and bond funds and may include derivative instruments such as futures contracts and swap agreements. The fund also enters into "wrapper" contracts issued by third parties and invests in cash equivalents represented by shares in a money market fund. A wrap contract is similar to buying insurance and provides full benefit responsiveness, provided that all the terms of the wrap contract have been met. Wrap contracts are normally

Note 3: Investments (continued)

Common Collective Trust Fund (continued)

purchased from issuers rated in the top three long-term rating categories (A- or the equivalent and above) by any one of the nationally recognized statistical rating organizations. The MIP attempts to maintain a $1.00 Net Asset Value ("NAV") per unit.

The crediting rate is used as an estimated future market value calculated by compounding a portfolio's current market value at its current yield to maturity for a period equal to the portfolio's duration. The crediting rate is the discounted rate that equates that estimated future market value with the portfolio's current contract value. Crediting rates of the wrap contracts are reset quarterly. The wrap contracts provide a guarantee that the crediting rate will not fall below zero percent. The portfolio and wrap contracts purchased by the portfolio are designed to pay all participant-initiated transactions at contract value. The wrap contracts limit the ability of the portfolio to transact at contract value if certain events occur, but the Plan's management is not aware of the occurrence or likely occurrence of any of these events. The wrap contracts are valued using discounted cash flow models that consider recent bids, discount rate, and the duration of the underlying portfolio securities. A wrap issuer may terminate a wrap contract for cause at any time.

The MIP trustee values the remaining underlying assets of the fund using various methods including readily available bid prices in the principal market in which the securities trade, pricing services that use valuation matrices that incorporate both dealer supplied valuations and valuation models, valuation inputs using the structure of the issue, cash flow assumptions, the value of the underlying assets and guarantees.

The MIP is included at fair value on the Statements of Net Assets Available for Benefits based on the proportionate share of the ownership of the Plan's participants.

The average yield earned by all wrap contracts held by the Plan's common/collective trust funds were approximately 3.16% and 3.57% for the years ended December 31, 2009 and 2008, respectively. The average yield earned by the Plan for all wrap contracts held by the Plan's common/collective trust funds based on the actual interest rate credited to participants were approximately 1.20% and 3.04% for the years ended December 31, 2009 and 2008, respectively.

Unitized Stock Fund

The RTI unitized stock fund allows the participants the benefits of being invested in RTI common stock in a manner similar to a mutual fund. The value of a unit in the fund is the market value of the RTI common stock owned in the fund and the market value of the short-term cash position (fund equity) divided by the number of units outstanding.

RTI International Metals, Inc. Employee Savings and Investment Plan

Notes to the Financial Statements

December 31, 2009 and 2008

Note 3: Investments (continued)

Unitized Stock Fund (continued)

The following information pertains to the RTI unitized stock fund in the Master Trust as of December 31:

	2009		2008	
	Shares	Fair Value	Shares	Fair Value
RTI International Metals, Inc. Common Stock (Symbol: RTI)	184,123	$ 4,634,376	180,369	$ 2,581,080
Fidelity Institutional Cash Portfolio MM Fund	325,327	325,327	187,090	187,090
Other		40,959		352
Total		$ 5,000,662		$ 2,768,522

The following represents the Plan's interest in the RTI unitized stock fund as of December 31:

	2009	2008
Unitized fund units held	116,097	120,575
Per unit price	$ 8.99	$ 5.20

Investments in Plan Trust

At December 31, 2009, the Master Trust includes funds of the RTI International Metals, Inc. Employee Savings and Investment Plan, the RMI Employee Savings and Investment Plan, and the RMI Bargaining Unit Employee Savings and Investment Plan.

At December 31, 2009 and 2008, Master Trust fund net assets allocated to the Plan totaled $8,649,411 and $10,315,639, respectively.

Fair values of investments in the Master Trust are as follows:

	2009	2008
At fair value as determined by quoted market prices:		
Mutual funds	$ 33,999,528	$ 22,774,606
At estimated fair value:		
RTI unitized stock fund	5,000,662	2,768,522
Common/collective trust fund	10,535,532	10,311,922
Investments in trust, at fair value	$ 49,535,722	$ 35,855,050

At December 31, 2009 and 2008 the Plan held 17.5% and 28.8% respectively, of the Master Trust assets.

RTI International Metals, Inc. Employee Savings and Investment Plan

Notes to the Financial Statements

December 31, 2009 and 2008

Note 3: Investments (continued)

Unitized Stock Fund (continued)

The following presents the investment income of the Master Trust for the year ended December 31:

	2009
Net appreciation in fair value of investments:	
RTI unitized stock fund	$ 2,310,240
Mutual funds	7,140,092
Common/collective trust fund	360,336
Dividends	682,169
Net investment income	$ 10,492,837

Other Investments Related Disclosures

Investments in the Master Trust that represent five percent or more of the Plan's net assets available for benefits are separately identified as of December 31:

	2009	2008
At fair value as determined by quoted market prices:		
Mutual Funds:		
Fidelity Magellan	$ 1,371,373	$ 1,396,849
Fidelity Growth & Income	$ 554,837	$ 789,110
Fidelity Low-Priced Stock	$ 886,081	$ 1,060,692
Fidelity Worldwide	$ 687,356	$ 762,300
Spartan US Equity Index	$ 532,936	$ 810,764
At estimated fair value:		
RTI unitized stock fund	$ 1,043,510	$ 626,525
Fidelity Managed Income Portfolio Fund (CCT)	$ 1,009,913	$ 1,882,801

Note 4: Description of Plan

General

The following description of the Plan provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions. Reference should be made to the Plan agreement for additional information concerning contributions, eligibility, income allocation, withdrawals, and other important features of the Plan.

Note 4: Description of Plan (continued)

General (continued)

The Plan, created on November 1, 1979, is a defined contribution and matching dollar contribution plan covering full-time salaried, nonrepresented employees who are at least 21 years of age and have completed three months of service. The Plan includes eligible employees of certain of RTI's subsidiaries, including, RTI Energy Systems, RTI LA, RTI Connecticut, RTI Texas, RTI Pierce Spafford, RTI Fabrication, RTI F&D Inc., RTI Hamilton and RTI Martinsville. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

The Plan was amended and restated on January 1, 2009 as a safe harbor plan, which changed the employer matching provisions and provided for employer contributions to be 100% vested immediately.

Contributions

There are several types of contributions that can be added to a participant's account: an employee salary deferral contribution, an employer matching contribution, an employer profit sharing contribution, and an employer qualified non-elective contribution.

Participants may also contribute amounts representing rollover distributions from other qualified defined benefit or contribution plans. Participants may contribute from 1% to 20% of their salaries through payroll deductions. Contributions are subject to limitations specified in the Internal Revenue Code ("IRC"). Contributions are directed by the participants into any one or all of the investment options. Changes in allocation of future contributions and transfers of presently invested contributions are permitted pursuant to the Plan document. Participants may change their elections of investment funds by calling the Record Keeper directly or by accessing their accounts via the internet.

The employer may make annual discretionary profit sharing contributions in an amount to be determined at Plan year end by the Board of Directors. Profit sharing contributions, if any, made to the Plan by the employer will be allocated to participant accounts in the ratio that the participant's eligible compensation bears to the total eligible compensation paid to all eligible participants.

Employees hired after January 1, 2006 will receive a non-discretionary employer matching contribution equal to 100% of the first 3% and 50% of the next 2% of employee contributions.

Employees newly hired, or rehired, on or after August 15, 2008 are subject to automatic enrollment provisions under the Plan. Unless an eligible employee makes an affirmative election otherwise, the employee's deferral will be 3% of the employee's eligible compensation for each payroll period in which the employee is an active participant. In addition, these participants are also subject to an automatic deferral increase of 1% annually, not to exceed 10% of eligible compensation, unless the participant affirmatively elects otherwise after receiving appropriate notice.

Note 4: Description of Plan (continued)

Plan Transfers

During 2009, certain employees became eligible to enroll and transfer funds from their prior plan to one of the other two plans offered to RTI employees. The aggregate amount transferred out of the Plan totaled $4,461,824.

On March 2, 2009 the Plan transferred out the Tradco Salary Employees, RTI Alloys, RTI St. Louis and RTI Hermitage to the RMI Employee Savings & Investment Plan via a partial plan merger. Plan participants should reference the Plan agreement for more detailed information regarding the transfer.

On March 2, 2009 the Plan transferred out the Tradco Union Employees to the RMI Bargaining Unit Employee Savings and Investment Plan via a partial plan merger. Plan participants should reference the Plan agreement for more detailed information regarding the transfer.

Participation

An employee becomes a participant in the Plan on the first day of the month after completing three months of service and upon attaining age 21.

Participants' Accounts

Allocations are based on participants' compensation and/or account balances, as defined in the Plan document.

Vesting

Participants are immediately vested in their rollover contributions, Company matching contributions, and voluntary contributions, plus actual earnings thereon.

Payment of Benefits

Participants or their beneficiaries are entitled to the full current value of their account in the Plan upon:

- Retirement;
- Termination of employemnt with the Company; or
- Death.

Upon termination of service other than by retirement, disability, or death, a participant will receive a lump sum payment if the total of their vested account balance does not exceed $1,000. If the vested account balance exceeds $1,000, the assets will generally be held in a trust until the participant's normal or early retirement date.

Note 4: Description of Plan (continued)

Payment of Benefits (continued)

Participants may also make written application for withdrawal of all or a portion of their account balance for certain limited situations qualifying as financial hardships under Internal Revenue Service ("IRS") guidelines in effect at the time of the withdrawal.

Participant Loans

Loans are available to all participants subject to provisions set forth in the Plan document. Participants may borrow from their accounts a minimum of $1,000 up to a maximum equal to 50% of the existing account balance not to exceed $50,000 in any 12-month period. Loan repayment terms range from one month to five years, unless it is for the purchase of their principal residence in which case the loan repayment period may not extend beyond 10 years from the date of the loan, and are secured by the balance in the participant's account. Loans bear interest at rates that range from 5.25% to 10.25%, which are commensurate with the current market rate when made.

Forfeitures

If a participant terminates their employment and is less than 100% vested in their share of the employer contributions, they will forfeit the nonvested portion of their employer contributions. Forfeited account balances are retained in the Plan and will first be used to reduce administrative expenses. Any remaining amounts will be used to reduce future employer contributions payable under the Plan. Forfeited account balances at December 31, 2009 and 2008 totaled $95,040 and $87,923, respectively. Forfeitures allocated to pay administrative expenses of the Plan during the year ended December 31, 2009 totaled $27,088. Administrative fees of $443 were paid by Plan participants for transaction based fees.

Administration

The Plan is administered by the Plan Administrator (the "Administrator"). The Administrator establishes the rules and procedures and interprets the provisions of the Plan. Administrative expenses of the Plan are paid by the Company when such expenses exceed the forfeited non-vested employer contributions under the termination provision, while legal and audit fees are paid by RTI and, as such, are not expenses of the Plan.

Termination Provision

The Company anticipates the Plan will continue without interruption, but reserves the right to discontinue the Plan at any time. In the event that such discontinuance results in the termination of the Plan, the Plan provides that each participant shall be fully vested in his or her individual account which includes earnings on the participant's contributions as well as employer contributions. The individual accounts of the participants shall continue to be administered by the Administrator, or be distributed in a lump sum to the participants, as deemed appropriate by the Administrator.

RTI International Metals, Inc. Employee Savings and Investment Plan

Notes to the Financial Statements

December 31, 2009 and 2008

Note 5: Income Taxes

The Plan is operated under a prototype non-standardized 401(k) profit sharing plan prepared by Fidelity Management and Research Company. The prototype plan obtained its latest determination letter on March 31, 2008, in which the Internal Revenue Service stated that the prototype plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. The Administrator and the plan's tax counsel believe that the Plan is currently being operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's Financial Statements.

Note 6: Party-in-Interest

Certain investments of the Plan are managed by the Trustee of the Plan. The Plan also invests in common stock of RTI. In addition, the Plan issues loans to participants, which are secured by the balances in the participants' accounts. Therefore, these related transactions qualify as party-in-interest transactions. All other transactions which may be considered parties-in-interest transactions relate to normal plan management and administrative services, and the related payment of fees.

Note 7: Reconciliation of Financial Statements to Form 5500

A reconciliation of net assets available for benefits according to the financial statements consists of the following as of December 31:

	2009	2008
Net assets available for benefits per the financial statements	$ 8,886,747	$ 11,171,764
Adjustment from contract value to fair value for fully benefit responsive investment contracts	(18,779)	(101,562)
Net assets available for benefits per the Form 5500	$ 8,867,968	$ 11,070,202

A reconciliation of investment income according to the financial statements consists of the following for the year ended December 31:

	2009
Investment income per the financial statements	$ 1,307,079
Computed fair value adjustment to net investment income-common collective trust	82,783
Investment income per the Form 5500	$ 1,389,862

Form 5500 Schedule H, Line 4i
Schedule of Assets
(Held at End of Year)

RTI International Metals, Inc.
Employee Savings and Investment Plan

December 31, 2009
EIN: 52-2115953, Plan #: 001

(a)	Identity of issue(b)	Description of investment(c)	Cost(d)	Current Value (e)
*	Master Trust Fund	Money Market, Common Stock Fund, Common Collective Trust, and Mutual Funds	N/A**	$ 8,649,411
*	Participant loans	Interest Rates High 10.25%, Low 5.25%	-0-	218,557
		Total:		$ 8,867,968

* **Party-in-interest**
** **Historical cost has not been presented as all investments are participant directed.**