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Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

► The organization may have to use a copy of this return to satisfy state reporting requirements.

OMB No 1545-0047

2011

Open to Public Inspection

A For the 2011 calendar year, or tax year beginning **APR 1, 2011** and ending **MAR 31, 2012**

B Check if applicable: ☐ Address change ☐ Name change ☐ Initial return ☐ Terminated ☐ Amended return ☐ Application pending	C Name of organization THE REFRACTORIES INSTITUTE Doing Business As Number and street (or P.O. box if mail is not delivered to street address) Room/suite P. O. BOX 8439 City or town, state or country, and ZIP + 4 PITTSBURGH, PA 15218 F Name and address of principal officer: ROBERT W. CROLIUS P. O. BOX 8439, PITTSBURGH, PA 15218	D Employer identification number 25-0981708 E Telephone number 412-244-1880 G Gross receipts \$ 535,166. H(a) Is this a group return for affiliates? ☐ Yes ☒ No H(b) Are all affiliates included? ☐ Yes ☐ No If "No," attach a list. (see instructions) H(c) Group exemption number ►
I Tax-exempt status: ☐ 501(c)(3) ☒ 501(c)(6) ◀ (insert no.) ☐ 4947(a)(1) or ☐ 527 J Website: ► REFRACTORIESINSTITUTE.ORG K Form of organization: ☒ Corporation ☐ Trust ☐ Association ☐ Other ► L Year of formation: 1951 M State of legal domicile: PA		

Part I Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities: MISSION TO PROVIDE FORMALIZED METHODS OF IDENTIFYING AND ADDRESSING THE CRITICAL ISSUES, WHICH 2 Check this box ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets. 3 Number of voting members of the governing body (Part VI, line 1a) 3 4 Number of independent voting members of the governing body (Part VI, line 1b) 4 5 Total number of individuals employed in calendar year 2011 (Part V, line 2a) 0 6 Total number of volunteers (estimate if necessary) 0 7a Total unrelated business revenue from Part VIII, column (C), line 12 0. b Net unrelated business taxable income from Form 990-T, line 34 0.	18 18 0 0 0. 0.
Revenue	8 Contributions and grants (Part VIII, line 1h) 0. 9 Program service revenue (Part VIII, line 2g) 309,268. 10 Investment income (Part VIII, column (A), lines 3, 4, and 7d) 33,652. 11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) 59,345. 12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) 402,265.	18 18 0 0 0. 0.
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3) 18,600. 14 Benefits paid to or for members (Part IX, column (A), line 4) 0. 15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) 240,000. 16a Professional fundraising fees (Part IX, column (A), line 11e) 0. b Total fundraising expenses (Part IX, column (D), line 25) 0. 17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) 390,370. 18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 408,970. 19 Revenue less expenses. Subtract line 18 from line 12 <6,705.>	18 18 0 0 0. 0. 166,564. 444,184. <7,789.>
Net Assets or Fund Balances	20 Total assets (Part X, line 16) 1,156,501. 21 Total liabilities (Part X, line 26) 2,460. 22 Net assets or fund balances. Subtract line 21 from line 20 1,154,041.	18 18 0 0 0. 0. 1,148,124. 4,749. 1,143,375.

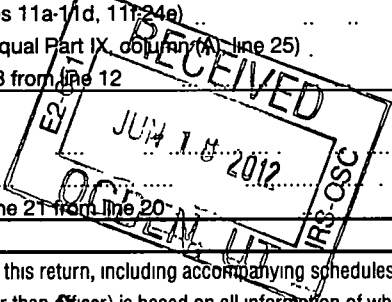
Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer <i>Robert W. Crolius</i> ROBERT W. CROLIUS, PRESIDENT Type or print name and title	Date 6/14/12
Paid Preparer Use Only	Print/Type preparer's name JAMES S. BRIDGES Preparer's signature <i>James S. Bridges</i> Date 6/8/12 Check ☒ self-employed PTIN P00438587 Firm's name GREEN & BRIDGES, LLP Firm's address 232 THIRD AVENUE CARNEGIE, PA 15106 Firm's EIN 25-1840054 Phone no. 412-276-3100	

May the IRS discuss this return with the preparer shown above? (see instructions) ☒ Yes ☐ No

SCANNED JUL 06 2012



9

Part III Statement of Program Service AccomplishmentsCheck if Schedule O contains a response to any question in this Part III ☐

1 Briefly describe the organization's mission:

THE INSTITUTE PROVIDES FORMALIZED METHODS OF IDENTIFYING AND PROMOTING CRITICAL ISSUES WHICH IMPACT THE REFRACTORY INDUSTRY.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ☐ Yes ☒ No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? ☐ Yes ☒ No

If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ **444,184.** including grants of \$) (Revenue \$ **402,025.**)

IN SUPPORT OF THE PRIMARY EXEMPT PURPOSE, THE REFRACTORIES INSTITUTE PROMOTED THE IMAGE OF THE REFRACTORIES INDUSTRY AS A SUPPLIER OF PRODUCTS VITAL TO ALL INDUSTRY, CONDUCTED RESEARCH TO DEVELOP AND IMPROVE METHODS FOR TESTING REFRACTORY MATERIALS AND MATTERS RELATED THERETO AND OTHER RESEARCH AND TESTING AS MAY BE HELPFUL TO THE INDUSTRY AND CONFERRED AND COOPERATED WITH GOVERNMENT AGENCIES AND OTHER OFFICIAL BODIES IN THE INTEREST OF THE PUBLIC AND THE INDUSTRY. DURING THE YEAR ENDED MARCH 31, 2011, THE REFRACTORIES INSTITUTE PROVIDED SERVICES TO ITS MEMBER COMPANIES IN THE UNITED STATES, CANADA, MEXICO AND LATIN AMERICA.

4b (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services (Describe in Schedule O.)

(Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses ► **444,184.**

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A.</i>		X
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ?		X
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I.</i>		X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II.</i>		
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III.</i>		X
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I.</i>		X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II.</i>		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III.</i>		X
9 Did the organization report an amount in Part X, line 21; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV.</i>		X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V.</i>		X
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI.</i>	X	
b Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII.</i>		X
c Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII.</i>		X
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX.</i>		X
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X.</i>		X
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X.</i>		X
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI, XII, and XIII.</i>	X	
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI, XII, and XIII is optional.</i>		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E.</i>		X
14a Did the organization maintain an office, employees, or agents outside of the United States?		X
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV.</i>		X
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the United States? <i>If "Yes," complete Schedule F, Parts II and IV.</i>		X
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the United States? <i>If "Yes," complete Schedule F, Parts III and IV.</i>		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I.</i>		X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II.</i>		X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III.</i>		X
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H.</i>		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		

Part IV Checklist of Required Schedules (continued)

	Yes	No
21 Did the organization report more than \$5,000 of grants and other assistance to any government or organization in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21 X	
22 Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22 X	
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	23 X	
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25</i>	24a	X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b	
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c	
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d	
25a Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a	
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b	
26 Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26	X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>	27	X
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions).		
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a	X
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b	X
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c	X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29	X
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30	X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31	X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32	X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33	X
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Parts II, III, IV, and V, line 1</i>	34	X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	X
b Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35b	X
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36	
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37	X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19?	38 X	

Note. All Form 990 filers are required to complete Schedule O

Check if Schedule O contains a response to any question in this Part V

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response to any question in this Part VI

☒**Section A. Governing Body and Management**

	Yes	No
1a Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.	18	
b Enter the number of voting members included in line 1a, above, who are independent	18	
2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?		X
3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person?		X
4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		X
5 Did the organization become aware during the year of a significant diversion of the organization's assets?		X
6 Did the organization have members or stockholders?	X	
7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	X	
b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?		X
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a The governing body?	X	
b Each committee with authority to act on behalf of the governing body?	X	
9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O		X

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

	Yes	No
10a Did the organization have local chapters, branches, or affiliates?		X
b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?		
11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	X	
b Describe in Schedule O the process, if any, used by the organization to review this Form 990.		
12a Did the organization have a written conflict of interest policy? If "No," go to line 13	X	
b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	X	
c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	X	
13 Did the organization have a written whistleblower policy?	X	
14 Did the organization have a written document retention and destruction policy?	X	
15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
a The organization's CEO, Executive Director, or top management official	X	
b Other officers or key employees of the organization		X
If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).		
16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?		X
b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?		

Section C. Disclosure

17 List the states with which a copy of this Form 990 is required to be filed **NONE**

18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
☐ Own website ☐ Another's website ☒ Upon request

19 Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.

20 State the name, physical address, and telephone number of the person who possesses the books and records of the organization: **ROBERT W. CROLIUS - 412-244-1880**
325 MAPLE AVENUE, PITTSBURGH, PA 15218

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent ContractorsCheck if Schedule O contains a response to any question in this Part VII ☐**Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees****1a** Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

☐ Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (describe hours for related organizations in Schedule O)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) STEPHEN J. NOCK CHAIRMAN	1.00	X						0.	0.	0.
(2) LOUIS S. GOLTERMANN III TREASURER	1.00	X		X				0.	0.	0.
(3) TIMOTHY ALBERTSON DIRECTOR	1.00	X						0.	0.	0.
(4) WILLIAM K. BROWN DIRECTOR	1.00	X						0.	0.	0.
(5) ABEL CARRIQUIRY DIRECTOR	1.00	X						0.	0.	0.
(6) DELL C. HADDEN DIRECTOR	1.00	X						0.	0.	0.
(7) DENNIS A. HAGEMAN DIRECTOR	1.00	X						0.	0.	0.
(8) HANK JAMERSON DIRECTOR	1.00	X						0.	0.	0.
(9) GUENTER KARHUT DIRECTOR	1.00	X						0.	0.	0.
(10) WILLIAM P. KELLY DIRECTOR	1.00	X						0.	0.	0.
(11) R DAVID LANE DIRECTOR	1.00	X						0.	0.	0.
(12) DANIEL W. LEASE DIRECTOR	1.00	X						0.	0.	0.
(13) LEE MORRIS DIRECTOR	1.00	X						0.	0.	0.
(14) MICHAEL K. PIERCE DIRECTOR	1.00	X						0.	0.	0.
(15) JAMES PIRAINO DIRECTOR	1.00	X						0.	0.	0.
(16) JONATHAN R. TABOR DIRECTOR	1.00	X						0.	0.	0.
(17) ROBERT W. CROLIUS PRESIDENT	40.00			X				240,000.	0.	0.

Part VIII Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1a					
	b Membership dues	1b					
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e					
	f All other contributions, gifts, grants, and similar amounts not included above	1f					
	g Noncash contributions included in lines 1a-1f \$						
	h Total. Add lines 1a-1f						
Program Service Revenue	2 a <u>MEMBERSHIP DUES</u>	Business Code 900099		323,320.	323,320.		
	b						
	c						
	d						
	e						
	f All other program service revenue						
	g Total. Add lines 2a-2f			323,320.			
	3 Investment income (including dividends, interest, and other similar amounts)			34,370.			34,370.
4 Income from investment of tax-exempt bond proceeds							
5 Royalties							
Other Revenue	6 a Gross rents	(i) Real	(ii) Personal				
	b Less: rental expenses						
	c Rental income or (loss)						
	d Net rental income or (loss)						
	7 a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
	b Less: cost or other basis and sales expenses						
	c Gain or (loss)						
	d Net gain or (loss)						
	8 a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	a					
	b Less: direct expenses	b					
	c Net income or (loss) from fundraising events						
	9 a Gross income from gaming activities. See Part IV, line 19	a					
	b Less: direct expenses	b					
	c Net income or (loss) from gaming activities						
	10 a Gross sales of inventory, less returns and allowances	a					
	b Less: cost of goods sold	b					
	c Net income or (loss) from sales of inventory						
	Miscellaneous Revenue			Business Code			
	11 a <u>MEETING REGISTRATIONS</u>	900099		77,125.	77,125.		
	b <u>PUBLICATION SALES</u>	900099		351.	351.		
c							
d All other revenue							
e Total. Add lines 11a-11d			77,476.				
12 Total revenue. See instructions.			436,395.	402,025.	0.	34,370.	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A) but are not required to complete columns (B), (C), and (D).

Check if Schedule O contains a response to any question in this Part IX ☐

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to governments and organizations in the United States. See Part IV, line 21	22,620.			
2 Grants and other assistance to individuals in the United States. See Part IV, line 22	15,000.			
3 Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	240,000.			
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages				
8 Pension plan accruals and contributions (include section 401(k) and section 403(b) employer contributions)				
9 Other employee benefits				
10 Payroll taxes				
11 Fees for services (non-employees):				
a Management				
b Legal	27,500.			
c Accounting	5,580.			
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other				
12 Advertising and promotion				
13 Office expenses	832.			
14 Information technology				
15 Royalties				
16 Occupancy				
17 Travel	13,484.			
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	92,549.			
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization				
23 Insurance				
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a CASUALTY AND LIABILITY	6,885.			
b LEGAL SERVICE REIMBURSE	4,929.			
c OFFICE UTILITY REIMBURS	3,000.			
d TELEPHONE AND INTERNET	2,841.			
e All other expenses	8,964.			
25 Total functional expenses. Add lines 1 through 24e	444,184.			
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation.				

Check here ☐ if following SOP 98-2 (ASC 958-720)

Part X Balance Sheet

		(A) Beginning of year		(B) End of year
Assets	1 Cash - non-interest-bearing	7,443.	1	1,300.
	2 Savings and temporary cash investments	116,299.	2	48,830.
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net	6,220.	4	3,789.
	5 Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5	
	6 Receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges	5,806.	9	5,791.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 3,665.		
	b Less: accumulated depreciation	10b 3,665.	0.	10c 0.
	11 Investments - publicly traded securities	1,020,233.	11	1,087,914.
	12 Investments - other securities. See Part IV, line 11		12	
	13 Investments - program-related. See Part IV, line 11		13	
	14 Intangible assets		14	
	15 Other assets. See Part IV, line 11	500.	15	500.
16 Total assets. Add lines 1 through 15 (must equal line 34)	1,156,501.	16	1,148,124.	
Liabilities	17 Accounts payable and accrued expenses	2,460.	17	4,749.
	18 Grants payable		18	
	19 Deferred revenue		19	
	20 Tax-exempt bond liabilities		20	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22 Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D		25	
	26 Total liabilities. Add lines 17 through 25	2,460.	26	4,749.
	Net Assets or Fund Balances	Organizations that follow SFAS 117, check here ☒ and complete lines 27 through 29, and lines 33 and 34.		
27 Unrestricted net assets		1,154,041.	27	1,143,375.
28 Temporarily restricted net assets			28	
29 Permanently restricted net assets			29	
Organizations that do not follow SFAS 117, check here ☐ and complete lines 30 through 34.				
30 Capital stock or trust principal, or current funds			30	
31 Paid-in or capital surplus, or land, building, or equipment fund			31	
32 Retained earnings, endowment, accumulated income, or other funds			32	
33 Total net assets or fund balances		1,154,041.	33	1,143,375.
34 Total liabilities and net assets/fund balances	1,156,501.	34	1,148,124.	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response to any question in this Part XI

☒

1	Total revenue (must equal Part VIII, column (A), line 12)	1	436,395.
2	Total expenses (must equal Part IX, column (A), line 25)	2	444,184.
3	Revenue less expenses. Subtract line 2 from line 1	3	<7,789.>
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	1,154,041.
5	Other changes in net assets or fund balances (explain in Schedule O)	5	<2,877.>
6	Net assets or fund balances at end of year. Combine lines 3, 4, and 5 (must equal Part X, line 33, column (B))	6	1,143,375.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response to any question in this Part XII

☒

	Yes	No
1 Accounting method used to prepare the Form 990: ☐ Cash ☒ Accrual ☐ Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant?		X
b Were the organization's financial statements audited by an independent accountant?	X	
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O	X	
d If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a separate basis, consolidated basis, or both: ☒ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis		
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		X
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.		

Form 990 (2011)

SCHEDULE D
(Form 990)Department of the Treasury
Internal Revenue Service**Supplemental Financial Statements**

▶ Complete if the organization answered "Yes," to Form 990,
Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.
▶ Attach to Form 990. ▶ See separate instructions.

OMB No 1545-0047

2011Open to Public
Inspection

Name of the organization

THE REFRACTORIES INSTITUTE

Employer identification number

25-0981708**Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.** Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate contributions to (during year)		
3 Aggregate grants from (during year)		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?		☐ Yes ☐ No
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?		☐ Yes ☐ No

Part II Conservation Easements. Complete if the organization answered "Yes" to Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).

☐ Preservation of land for public use (e.g., recreation or education)	☐ Preservation of an historically important land area
☐ Protection of natural habitat	☐ Preservation of a certified historic structure
☐ Preservation of open space	

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

	Held at the End of the Tax Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 8/17/06, and not on a historic structure listed in the National Register	2d

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶

4 Number of states where property subject to conservation easement is located ▶

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? ☐ Yes ☐ No

6 Staff and volunteer hours devoted to monitoring, inspecting, and enforcing conservation easements during the year ▶

7 Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year ▶ \$

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? ☐ Yes ☐ No

9 In Part XIV, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" to Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIV, the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenues included in Form 990, Part VIII, line 1	▶ \$
(ii) Assets included in Form 990, Part X	▶ \$

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:

a Revenues included in Form 990, Part VIII, line 1	▶ \$
b Assets included in Form 990, Part X	▶ \$

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

- a** ☐ Public exhibition
b ☐ Scholarly research
c ☐ Preservation for future generations

- d** ☐ Loan or exchange programs
e ☐ Other _____

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIV.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets

to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes ☐ No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered "Yes" to Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIV and complete the following table:

- c** Beginning balance
d Additions during the year
e Distributions during the year
f Ending balance

	Amount
1c	
1d	
1e	
1f	

2a Did the organization include an amount on Form 990, Part X, line 21?

☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIV.

Part V Endowment Funds. Complete if the organization answered "Yes" to Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

- a** Board designated or quasi-endowment ☐ %
b Permanent endowment ☐ %
c Temporarily restricted endowment ☐ %

The percentages in lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

- (i) unrelated organizations
(ii) related organizations

	Yes	No
3a(i)		
3a(ii)		
3b		

b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?

4 Describe in Part XIV the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment		3,665.	3,665.	0.
e Other		0.	0.	
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				0.

Part VII Investments - Other Securities. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
(I)		

Total. (Col (b) must equal Form 990, Part X, col (B) line 12.) ▶

Part VIII Investments - Program Related. See Form 990, Part X, line 13.

(a) Description of investment type	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		

Total. (Col (b) must equal Form 990, Part X, col (B) line 13.) ▶

Part IX Other Assets. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	

Total. (Column (b) must equal Form 990, Part X, col (B) line 15.) ▶

Part X Other Liabilities. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	

Total. (Column (b) must equal Form 990, Part X, col (B) line 25.) ▶

FIN 48 (ASC 740) Footnote. In Part XIV, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740).

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" to Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990.

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization

THE REFRACTORIES INSTITUTE

Part I General Information on Grants and Assistance

Employer identification number
25-0981708

1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Governments and Organizations in the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Check this box if no one recipient received more than \$5,000. Part II can be duplicated if additional space is needed ☐

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
UNIVERSITY OF MISSOURI			4,620.	0.			PROMOTION OF RESEARCH INTO ISSUES CONCERNING THE REFRACTORY INDUSTRY
AMERICAN CHEMISTRY COUNCIL 700 SECOND STREET WASHINGTON, DC 20002			15,000.	0.			PROMOTION OF RESEARCH INTO ISSUES CONCERNING THE REFRACTORY INDUSTRY
UNITECR			3,000.	0.			PROMOTION OF RESEARCH INTO ISSUES CONCERNING THE REFRACTORY INDUSTRY

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table

3 Enter total number of other organizations listed in the line 1 table

5.

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2011)

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest
Compensated Employees

▶ **Complete if the organization answered "Yes" to Form 990,
Part IV, line 23.**

▶ **Attach to Form 990. ▶ See separate instructions.**

OMB No 1545-0047

2011

**Open to Public
Inspection**

Name of the organization

THE REFRACTORIES INSTITUTE

Employer identification number

25-0981708

Part I Questions Regarding Compensation

1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990,
Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- | | |
|--|--|
| ☐ First-class or charter travel | ☐ Housing allowance or residence for personal use |
| ☐ Travel for companions | ☐ Payments for business use of personal residence |
| ☐ Tax indemnification and gross-up payments | ☐ Health or social club dues or initiation fees |
| ☐ Discretionary spending account | ☐ Personal services (e.g., maid, chauffeur, chef) |

b If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or
reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors,
trustees, and the CEO/Executive Director, regarding the items checked in line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's
CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to
establish compensation of the CEO/Executive Director. Explain in Part III.

- | | |
|--|---|
| ☐ Compensation committee | ☒ Written employment contract |
| ☐ Independent compensation consultant | ☐ Compensation survey or study |
| ☐ Form 990 of other organizations | ☒ Approval by the board or compensation committee |

4 During the year, did any person listed in Form 990, Part VII, Section A, line 1a, with respect to the filing
organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
- b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
- c** Participate in, or receive payment from, an equity-based compensation arrangement?

If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III

Only section 501(c)(3) and 501(c)(4) organizations must complete lines 5-9.

5 For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation
contingent on the revenues of:

- a** The organization?
- b** Any related organization?

If "Yes" to line 5a or 5b, describe in Part III.

6 For persons listed in Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation
contingent on the net earnings of:

- a** The organization?
- b** Any related organization?

If "Yes" to line 6a or 6b, describe in Part III.

7 For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments
not described in lines 5 and 6? If "Yes," describe in Part III

8 Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the
initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III

9 If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in
Regulations section 53.4958-6(c)?

	Yes	No
1b		
2		
4a		X
4b		X
4c		X
5a		
5b		
6a		
6b		
7		
8		
9		

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2011

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported in Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that are not listed on Form 990, Part VII.

Note. The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name	(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported as deferred in prior Form 990
	(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 ROBERT W. CROLIUS	(i) 240,000.	0.	0.	0.	0.	240,000.	0.
	(ii) 0.	0.	0.	0.	0.	0.	0.
2	(i)						
	(ii)						
3	(i)						
	(ii)						
4	(i)						
	(ii)						
5	(i)						
	(ii)						
6	(i)						
	(ii)						
7	(i)						
	(ii)						
8	(i)						
	(ii)						
9	(i)						
	(ii)						
10	(i)						
	(ii)						
11	(i)						
	(ii)						
12	(i)						
	(ii)						
13	(i)						
	(ii)						
14	(i)						
	(ii)						
15	(i)						
	(ii)						
16	(i)						
	(ii)						

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.
▶ Attach to Form 990 or 990-EZ.

OMB No 1545-0047

2011

Open to Public
Inspection

Name of the organization

THE REFRACTORIES INSTITUTE

Employer identification number

25-0981708

FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

SEVERELY IMPACT THE REFRACTORIES INDUSTRY.

IN SUPPORT OF THE PRIMARY EXEMPT PURPOSE, THE REFRACTORIES INSTITUTE

PROMOTED THE IMAGE OF THE REFRACTORIES INDUSTRY AS A SUPPLIER OF

PRODUCTS VITAL TO ALL INDUSTRY, CONDUCTED RESEARCH TO DEVELOP AND

IMPROVE METHODS FOR TESTING REFRACTORY MATERIALS AND MATTERS RELATED

THERE TO AND OTHER RESEARCH AND TESTING AS MAY BE HELPFUL TO THE

INDUSTRY AND CONFERRED AND COOPERATED WITH GOVERNMENT AGENCIES AND

OTHER OFFICIAL BODIES IN THE INTEREST OF THE PUBLIC AND THE INDUSTRY.

DURING THE YEAR ENDED MARCH 31, 2011, THE REFRACTORIES INSTITUTE

PROVIDED SERVICES TO ITS MEMBER COMPANIES IN THE UNITED STATES, CANADA,

MEXICO AND LATIN AMERICA.

FORM 990, PART VI, SECTION A, LINE 6: 5. THE INSTITUTE MEMBERSHIP

CONSISTS OF COMPANIES IN THE REFRACTORIES BUSINESS. ALL MEMBERS ARE

TREATED EQUALLY BUT MEMBERSHIP DUES ARE DETERMINED BASED UPON REVENUES OF

EACH INDIVIDUAL COMPANY.

FORM 990, PART VI, SECTION A, LINE 7A: 6. THE REFRACTORIES INSTITUTE

HOLDS ELECTIONS SEMIANNUALLY AT ITS SPRING MEETING. ALL MEMBER COMPANIES

PROVIDE A REPRESENTATIVE AND HAVE AN EQUAL SINGLE VOTE IN THE SELECTION OF

THE BOARD OF DIRECTORS AND THE EXECUTIVE COMMITTEE AND OFFICERS OF THE

INSTITUTE.

FORM 990, PART VI, SECTION B, LINE 11: 11. THE PRESIDENT OF THE INSTITUTE

RECEIVES THE FORM 990 AND REVIEWS IT PRIOR TO THE FILING OF THE RETURN WITH

Name of the organization

THE REFRACTORIES INSTITUTE

Employer identification number

25-0981708

THE INTERNAL REVEUE SERVICE.

FORM 990, PART VI, SECTION B, LINE 12C: THE INSTITUTE'S BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE REVIEW ALL ACTIONS TAKEN BY PRESIDENT. ANY AND ALL EXPENDITURES FROM CHECKING ACCOUNT OF INSTUTE FUND REQUIRE SIGNATURES OF NON MANAGEMENT OFFICERS.

FORM 990, PART VI, SECTION B, LINE 15A: PROCESS FOR DETERMINING COMPENSATION

THE PRESIDENT OF THE FOUNDATION IS COMPENSATED AS AN INDEPENDENT CONTRACTOR. HIS COMPENSATION IS IN ACCORDANCE WITH A WRITTEN CONTRACT BETWEEN HIM AND THE INSTITUTE. THE AMOUNT OF THE COMPENSATION IS DETERMINED AND APPROVED ANNUALLY BY THE BOARD OF DIRECTORS OF THE INSTITUTE.

FORM 990, PART VI, SECTION C, LINE 19: GOVERNING DOCUMENTS, POLICY POSITIONS AND FINACIAL STATEMENTS ARE AVAILABLE AT THE INSTITUTE'S OFFICE ON REQUEST.

FORM 990, PART XI, LINE 5, CHANGES IN NET ASSETS:

NET UNREALIZED LOSSES ON INVESTMENTS: -2,877.

FORM 990, PART XII, LINE 2C

THE EXECUTIVE COMMITTEE IN THE WINTER PLANNING SESSION HELD IN JANUARY APPROVES THE APPOINTMENT OF THE AUDITORS.

Depreciation and Amortization 990
 (Including Information on Listed Property)

OMB No 1545-0172

2011

Attachment
 Sequence No **179**

► See separate instructions. ► Attach to your tax return.

Name(s) shown on return

Business or activity to which this form relates

Identifying number

THE REFRACTORIES INSTITUTE

FORM 990 PAGE 10

25-0981708

Part I Election To Expense Certain Property Under Section 179 Note: If you have any listed property, complete Part V before you complete Part I.

1	Maximum amount (see instructions)	500,000.
2	Total cost of section 179 property placed in service (see instructions)	
3	Threshold cost of section 179 property before reduction in limitation	2,000,000.
4	Reduction in limitation. Subtract line 3 from line 2. If zero or less, enter -0-	
5	Dollar limitation for tax year. Subtract line 4 from line 1. If zero or less, enter -0-. If married filing separately, see instructions	
6	(a) Description of property	(b) Cost (business use only) (c) Elected cost
7	Listed property. Enter the amount from line 29	
8	Total elected cost of section 179 property. Add amounts in column (c), lines 6 and 7	
9	Tentative deduction. Enter the smaller of line 5 or line 8	
10	Carryover of disallowed deduction from line 13 of your 2010 Form 4562	
11	Business income limitation. Enter the smaller of business income (not less than zero) or line 5	
12	Section 179 expense deduction. Add lines 9 and 10, but do not enter more than line 11	
13	Carryover of disallowed deduction to 2012. Add lines 9 and 10, less line 12	

Note: Do not use Part II or Part III below for listed property. Instead, use Part V.

Part II Special Depreciation Allowance and Other Depreciation (Do not include listed property.)

14	Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year	
15	Property subject to section 168(f)(1) election	
16	Other depreciation (including ACRS)	

Part III MACRS Depreciation (Do not include listed property.) (See instructions.)

Section A

17	MACRS deductions for assets placed in service in tax years beginning before 2011	
18	If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here	

Section B - Assets Placed in Service During 2011 Tax Year Using the General Depreciation System

(a) Classification of property	(b) Month and year placed in service	(c) Basis for depreciation (business/investment use only - see instructions)	(d) Recovery period	(e) Convention	(f) Method	(g) Depreciation deduction
19a 3-year property						
b 5-year property						
c 7-year property						
d 10-year property						
e 15-year property						
f 20-year property						
g 25-year property			25 yrs.		S/L	
h Residential rental property	/		27.5 yrs.	MM	S/L	
	/		27.5 yrs.	MM	S/L	
i Nonresidential real property	/		39 yrs.	MM	S/L	
	/			MM	S/L	

Section C - Assets Placed in Service During 2011 Tax Year Using the Alternative Depreciation System

20a Class life					S/L	
b 12-year			12 yrs.		S/L	
c 40-year	/		40 yrs.	MM	S/L	

Part IV Summary (See instructions.)

21	Listed property. Enter amount from line 28	
22	Total. Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21. Enter here and on the appropriate lines of your return. Partnerships and S corporations - see instr.	0.
23	For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs	

Part V Listed Property (Include automobiles, certain other vehicles, certain computers, and property used for entertainment, recreation, or amusement.)

Note: For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete only 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable.

Section A - Depreciation and Other Information (Caution: See the instructions for limits for passenger automobiles.)

24a Do you have evidence to support the business/investment use claimed? ☐ Yes ☐ No **24b** If "Yes," is the evidence written? ☐ Yes ☐ No

(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/ investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/ Convention	(h) Depreciation deduction	(i) Elected section 179 cost
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25 Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use

25

26 Property used more than 50% in a qualified business use:

		%						
		%						
		%						

27 Property used 50% or less in a qualified business use:

		%			S/L -		
		%			S/L -		
		%			S/L -		

28 Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1

28

29 Add amounts in column (i), line 26. Enter here and on line 7, page 1

29

Section B - Information on Use of Vehicles

Complete this section for vehicles used by a sole proprietor, partner, or other "more than 5% owner," or related person.

If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

	(a) Vehicle	(b) Vehicle	(c) Vehicle	(d) Vehicle	(e) Vehicle	(f) Vehicle
30 Total business/investment miles driven during the year (do not include commuting miles)						
31 Total commuting miles driven during the year						
32 Total other personal (noncommuting) miles driven						
33 Total miles driven during the year. Add lines 30 through 32						
34 Was the vehicle available for personal use during off-duty hours?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
35 Was the vehicle used primarily by a more than 5% owner or related person?						
36 Is another vehicle available for personal use?						

Section C - Questions for Employers Who Provide Vehicles for Use by Their Employees

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who are not more than 5% owners or related persons.

37 Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?	Yes	No
38 Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners		
39 Do you treat all use of vehicles by employees as personal use?		
40 Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?		
41 Do you meet the requirements concerning qualified automobile demonstration use?		

Note: If your answer to 37, 38, 39, 40, or 41 is "Yes," do not complete Section B for the covered vehicles.

Part VI Amortization

(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
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42 Amortization of costs that begins during your 2011 tax year:

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43 Amortization of costs that began before your 2011 tax year

43

44 Total. Add amounts in column (f). See the instructions for where to report

44

Application for Extension of Time To File an Exempt Organization Return

OMB No. 1545-1709

► **File a separate application for each return.**

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** and check this box ☒ **X**
- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** (on page 2 of this form).

Do not complete Part II unless you have already been granted an automatic 3-month extension on a previously filed Form 8868.

Electronic filing (e-file). You can electronically file Form 8868 if you need a 3-month automatic extension of time to file (6 months for a corporation required to file Form 990-T), or an additional (not automatic) 3-month extension of time. You can electronically file Form 8868 to request an extension of time to file any of the forms listed in Part I or Part II with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, which must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/efile and click on **e-file for Charities & Nonprofits**.

Part I Automatic 3-Month Extension of Time. Only submit original (no copies needed).

A corporation required to file Form 990-T and requesting an automatic 6-month extension - check this box and complete

Part I only ☐

All other corporations (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns.

Type or print File by the due date for filing your return. See instructions.	Name of exempt organization or other filer, see instructions. THE REFRACTORIES INSTITUTE	Employer identification number (EIN) or ☒ 25-0981708
	Number, street, and room or suite no. If a P.O. box, see instructions. P. O. BOX 8439	Social security number (SSN) ☐
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. PITTSBURGH, PA 15218	

Enter the Return code for the return that this application is for (file a separate application for each return)

01

Application Is For	Return Code	Application Is For	Return Code
Form 990	01	Form 990-T (corporation)	07
Form 990-BL	02	Form 1041-A	08
Form 990-EZ	01	Form 4720	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

ROBERT W. CROLIUS

- The books are in the care of ► **325 MAPLE AVENUE - PITTSBURGH, PA 15218**

Telephone No. ► **412-244-1880**

FAX No. ►

- If the organization does not have an office or place of business in the United States, check this box ☐
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) ☐. If this is for the whole group, check this box ☐. If it is for part of the group, check this box ☐ and attach a list with the names and EINs of all members the extension is for.

1 I request an automatic 3-month (6 months for a corporation required to file Form 990-T) extension of time until **NOVEMBER 15, 2012**, to file the exempt organization return for the organization named above. The extension is for the organization's return for:

► ☐ calendar year _____ or

► ☒ tax year beginning **APR 1, 2011**, and ending **MAR 31, 2012**.

2 If the tax year entered in line 1 is for less than 12 months, check reason: ☐ Initial return ☐ Final return
☐ Change in accounting period

3a If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	3a	\$	0.
b If this application is for Form 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit.	3b	\$	0.
c Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	3c	\$	0.

Caution. If you are going to make an electronic fund withdrawal with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

LHA For Privacy Act and Paperwork Reduction Act Notice, see Instructions.

Form **8868** (Rev. 1-2012)