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**Return of Organization Exempt From Income Tax**

**2008**

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

Department of the Treasury  
Internal Revenue Service

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

**Open to Public Inspection**

For the **2008** calendar year, or tax year beginning **7/01**, **2008**, and ending **6/30**, **2009**

**B** Check if applicable:

- Address change
- Name change
- Initial return
- Termination
- Amended return
- Application pending

Please use IRS label or print or type. See specific instructions.

**MATERIALS TECHNOLOGY INSTITUTE, INC**  
1215 FERN RIDGE PARKWAY #206  
ST LOUIS, MO 63141

**D** Employer Identification Number: **13-2892392**

**E** Telephone number: **314-576-7712**

**G** Gross receipts \$ **1,596,024.**

**F** Name and address of principal officer: **JAMES M MACKI**  
**SAME AS C ABOVE**

**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)

**I** Tax-exempt status:  501(c) ( **6** ) (insert no.)  4947(a)(1) or  527

**J** Website: **MATERIALS TECHNOLOGY INSTITUTE**

**K** Type of organization:  Corporation  Trust  Association  Other

**L** Year of formation: **1976**

**M** State of legal domicile: **MO**

**H(c)** Group exemption number

**Part I Summary**

1 Briefly describe the organization's mission or most significant activities: <u>COOPERATIVE RESEARCH PROJECTS</u>		
2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its assets		
3 Number of voting members of the governing body (Part VI, line 1a)		14
4 Number of independent voting members of the governing body (Part VI, line 1b)		0
5 Total number of employees (Part V, line 2a)		9
6 Total number of volunteers (estimate if necessary)		0
7a Total gross unrelated business revenue from Part VIII, line 12, column (C)		-3,935.
7b Net unrelated business taxable income from Form 990-T, line 34		0.
	<b>Prior Year</b>	<b>Current Year</b>
8 Contributions and grants (Part VIII, line 1h)		
9 Program service revenue (Part VIII, line 2g)	1,408,800.	1,442,150.
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	130,794.	121,367.
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	-7,348.	-3,935.
12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	1,532,246.	1,559,582.
13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)		
14 Benefits paid to or for members (Part IX, column (A), line 4)		
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	568,103.	700,112.
16a Professional fundraising fees (Part IX, column (A), line 11e)		
b Total fundraising expenses (Part IX, column (D), line 25)		
17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24f)	887,388.	902,699.
18 Total expenses - Add lines 13-17 (must equal Part IX, column (A), line 25)	1,455,491.	1,602,811.
19 Revenue less expenses - Subtract line 18 from line 12	76,755.	-43,229.
	<b>Beginning of Year</b>	<b>End of Year</b>
20 Total assets (Part X, line 16)	3,486,202.	3,288,323.
21 Total liabilities (Part X, line 26)	919,709.	765,059.
22 Net assets or fund balances - Subtract line 21 from line 20	2,566,493.	2,523,264.

**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**

Deborah S Ekret Signature of officer  2-16-10 Date

Deborah S Ekret Operations Director  
Type or print name and title.

**Paid Preparer's Use Only**

Preparer's signature: Wright, Criscione & Co., LLC Date: 2/16/10

Firm's name (or yours if self-employed), address, and ZIP + 4: WRIGHT, CRISCIONE & CO., LLC  
2388 SCHUETZ RD STE B63  
ST LOUIS, MO 63146-3434

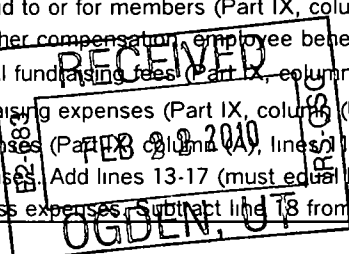
Check if self-employed  Preparer's identifying number (see instructions): P00568803

EIN 43-1849238

Phone no (314) 878-0212

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

SCANNED MAR 12 2010 Revenue & Governance Expenses



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Part III Statement of Program Service Accomplishments (see instructions)

1 Briefly describe the organization's mission:

COOPERATIVE RESEARCH PROJECTS

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 [X]

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 [X]

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

4 Describe the exempt purpose achievements for each of the organization's three largest program services 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 \$ 1,602,811. including grants of \$ ) (Revenue \$ )

MTI REPRESENTS PRIVATE INDUSTRY TO CONDUCT GENERIC NON-PROPRIETARY STUDIES ON THE DETERIORATION OF MATERIALS & EQUIPMENT USED IN THE CHEMICAL PROCESS INDUSTRIES. ANNUALLY, VARIOUS PROJECTS ARE STARTED, COMPLETED & UPDATED FOR THIS PURPOSE.

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 \$ 1,602,811. (Must equal Part IX, Line 25, column (B))

**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)? If 'Yes,' complete Schedule A		X
2 Is the organization required to complete Schedule B, Schedule of Contributors?		X
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If 'Yes,' complete Schedule C, Part I		X
4 <b>Section 501(c)(3) organizations</b> Did the organization engage in lobbying activities? If 'Yes,' complete Schedule C, Part II		
5 <b>Section 501(c)(4), 501(c)(5), and 501(c)(6) organizations.</b> Is the organization subject to the section 6033(e) notice and reporting requirement and proxy tax? If 'Yes,' complete Schedule C, Part III		X
6 Did the organization maintain any donor advised funds or any accounts where donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If 'Yes,' complete Schedule D, Part 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? If 'Yes,' complete Schedule D, Part II		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If 'Yes,' complete Schedule D, Part III		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? If 'Yes,' complete Schedule D, Part IV		X
10 Did the organization hold assets in term, permanent, or quasi-endowments? If 'Yes,' complete Schedule D, Part V		X
11 Did the organization report an amount in Part X, lines 10, 12, 13, 15, or 25? If 'Yes,' complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable	X	
12 Did the organization receive an audited financial statement for the year for which it is completing this return that was prepared in accordance with GAAP? If 'Yes,' complete Schedule D, Parts XI, XII, and XIII	X	
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If 'Yes,' complete Schedule E		X
14a Did the organization maintain an office, employees, or agents outside of the U.S.?		X
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, and program service activities outside the U.S.? If 'Yes,' complete Schedule F, Part 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? If 'Yes,' complete Schedule F, Part II		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? If 'Yes,' complete Schedule F, Part III		X
17 Did the organization report more than \$15,000 on Part IX, column (A), line 11e? If 'Yes,' complete Schedule G, Part I		X
18 Did the organization report more than \$15,000 total on Part VIII, lines 1c and 8a? If 'Yes,' complete Schedule G, Part II		X
19 Did the organization report more than \$15,000 on Part VIII, line 9a? If 'Yes,' complete Schedule G, Part III		X
20 Did the organization operate one or more hospitals? If 'Yes,' complete Schedule H		X
21 Did the organization report more than \$5,000 on Part IX, column (A), line 1? If 'Yes,' complete Schedule I, Parts I and II		X
22 Did the organization report more than \$5,000 on Part IX, column (A), line 2? If 'Yes,' complete Schedule I, Parts I and III		X
23 Did the organization answer 'Yes' to Part VII, Section A, questions 3, 4, or 5? If 'Yes,' complete Schedule J		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, and that was issued after December 31, 2002? If 'Yes,' answer questions 24b-24d and complete Schedule K If 'No,' go to question 25		X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
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?		
d Did the organization act as an 'on behalf of' issuer for bonds outstanding at any time during the year?		
25a <b>Section 501(c)(3) and 501(c)(4) organizations.</b> Did the organization engage in an excess benefit transaction with a disqualified person during the year? If 'Yes,' complete Schedule L, Part I		
b Did the organization become aware that it had engaged in an excess benefit transaction with a disqualified person from a prior year? If 'Yes,' complete Schedule L, Part I		
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? If 'Yes,' complete Schedule L, Part II		X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, or substantial contributor, or to a person related to such an individual? If 'Yes,' complete Schedule L, Part III		X

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**Part IV Checklist of Required Schedules (continued)**

	Yes	No
<b>28</b> During the tax year, did any person who is a current or former officer, director, trustee, or key employee:		
<b>a</b> Have a direct business relationship with the organization (other than as an officer, director, trustee, or employee), or an indirect business relationship through ownership of more than 35% in another entity (individually or collectively with other person(s) listed in Part VII, Section A)? <i>If 'Yes,' complete Schedule L, Part IV</i>	<b>28a</b>	X
<b>b</b> Have a family member who had a direct or indirect business relationship with the organization? <i>If 'Yes,' complete Schedule L, Part IV</i>	<b>28b</b>	X
<b>c</b> Serve as an officer, director, trustee, key employee, partner, or member of an entity (or a shareholder of a professional corporation) doing business with the organization? <i>If 'Yes,' complete Schedule L, Part IV</i>	<b>28c</b>	X
<b>29</b> Did the organization receive more than \$25,000 in non-cash contributions? <i>If 'Yes,' complete Schedule M</i>	<b>29</b>	X
<b>30</b> Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If 'Yes,' complete Schedule M</i>	<b>30</b>	X
<b>31</b> Did the organization liquidate, terminate, or dissolve and cease operations? <i>If 'Yes,' complete Schedule N, Part I</i>	<b>31</b>	X
<b>32</b> 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>	<b>32</b>	X
<b>33</b> 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>	<b>33</b>	X
<b>34</b> 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>	<b>34</b>	X
<b>35</b> Is any related organization a controlled entity within the meaning of section 512(b)(13)? <i>If 'Yes,' complete Schedule R, Part V, line 2</i>	<b>35</b>	X
<b>36</b> <b>Section 501(c)(3) organizations.</b> Did the organization make any transfers to an exempt non-charitable related organization? <i>If 'Yes,' complete Schedule R, Part V, line 2</i>	<b>36</b>	
<b>37</b> 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>	<b>37</b>	X

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**Part V Statements Regarding Other IRS Filings and Tax Compliance**

		Yes	No
<b>1 a</b>	Enter the number reported in Box 3 of form 1096, Annual Summary and Transmittal of U.S. Information Returns. Enter -0- if not applicable		
<b>1 b</b>	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable		
<b>1 c</b>	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?		X
<b>2 a</b>	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return		
<b>2 b</b>	If at least one is reported on line 2a, did the organization file all required federal employment tax returns? <b>Note.</b> If the sum of lines 1a and 2a is greater than 250, you may be required to e-file this return. (see instructions)	X	
<b>3 a</b>	Did the organization have unrelated business gross income of \$1,000 or more during the year covered by this return?		X
<b>3 b</b>	If 'Yes' has it filed a Form 990-T for this year? If 'No,' provide an explanation in Schedule O		
<b>4 a</b>	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?		X
<b>4 b</b>	If 'Yes,' enter the name of the foreign country: See the instructions for exceptions and filing requirements for <b>Form TD F 90-22.1</b> , Report of Foreign Bank and Financial Accounts.		
<b>5 a</b>	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		X
<b>5 b</b>	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		X
<b>5 c</b>	If 'Yes,' to question 5a or 5b, did the organization file Form 8886-T, Disclosure by Tax-Exempt Entity Regarding Prohibited Tax Shelter Transaction?		
<b>6 a</b>	Did the organization solicit any contributions that were not tax deductible?		X
<b>6 b</b>	If 'Yes,' did the organization include with every solicitation an express statement that such contributions or gifts were not deductible?		
<b>7</b>	<b>Organizations that may receive deductible contributions under section 170(c).</b>		
<b>7 a</b>	Did the organization provide goods or services in exchange for any quid pro quo contribution of more than \$75?		
<b>7 b</b>	If 'Yes,' did the organization notify the donor of the value of the goods or services provided?		
<b>7 c</b>	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		
<b>7 d</b>	If 'Yes,' indicate the number of Forms 8282 filed during the year		
<b>7 e</b>	Did the organization, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		
<b>7 f</b>	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		
<b>7 g</b>	For all contributions of qualified intellectual property, did the organization file Form 8899 as required?		
<b>7 h</b>	For all contributions of cars, boats, airplanes, and other vehicles, did the organization file a Form 1098-C as required?		
<b>8</b>	<b>Section 501(c)(3) and other sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations.</b> Did the supporting organization, or a fund maintained by a sponsoring organization, have excess business holdings at any time during the year?		
<b>9</b>	<b>Section 501(c)(3) and other sponsoring organizations maintaining donor advised funds.</b>		
<b>9 a</b>	Did the organization make any taxable distributions under section 4966?		
<b>9 b</b>	Did the organization make any distribution to a donor, donor advisor, or related person?		
<b>10</b>	<b>Section 501(c)(7) organizations.</b> Enter:		
<b>10 a</b>	Initiation fees and capital contributions included on Part VIII, line 12		
<b>10 b</b>	Gross Receipts, included on Form 990, Part VIII, line 12, for public use of club facilities		
<b>11</b>	<b>Section 501(c)(12) organizations.</b> Enter:		
<b>11 a</b>	Gross income from other members or shareholders		
<b>11 b</b>	Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.)		
<b>12 a</b>	<b>Section 4947(a)(1) non-exempt charitable trusts.</b> Is the organization filing Form 990 in lieu of Form 1041?		
<b>12 b</b>	If 'Yes,' enter the amount of tax-exempt interest received or accrued during the year		

**Part VI Governance, Management and Disclosure** (Sections A, B, and C request information about policies not required by the Internal Revenue Code.)

**Section A. Governing Body and Management**

For each 'Yes' response to lines 2-7b below, and for a 'No' response to lines 8 or 9b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

		Yes	No
<b>1 a</b>	Enter the number of voting members of the governing body		
<b>1 b</b>	Enter the number of voting members that are independent		
<b>2</b>	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
<b>3</b>	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
<b>4</b>	Did the organization make any significant changes to its organizational documents since the prior Form 990 was filed?		X
<b>5</b>	Did the organization become aware during the year of a material diversion of the organization's assets?		X
<b>6</b>	Does the organization have members or stockholders? SEE SCHEDULE O	X	
<b>7 a</b>	Does the organization have members, stockholders, or other persons who may elect one or more members of the governing body? SEE SCHEDULE O	X	
<b>7 b</b>	Are any decisions of the governing body subject to approval by members, stockholders, or other persons?		X
<b>8</b>	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following		
<b>a</b>	The governing body?	X	
<b>b</b>	Each committee with authority to act on behalf of the governing body?	X	
<b>9 a</b>	Does the organization have local chapters, branches, or affiliates?		X
<b>b</b>	If 'Yes,' does the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with those of the organization?		
<b>10</b>	Was a copy of the Form 990 provided to the organization's governing body before it was filed? All organizations must describe in Schedule O the process, if any, the organization uses to review the Form 990. SEE SCHEDULE O	X	
<b>11</b>	Is there any officer, director or 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**

		Yes	No
<b>12 a</b>	Does the organization have a written conflict of interest policy? If 'No,' go to line 13	X	
<b>b</b>	Are officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	X	
<b>c</b>	Does the organization regularly and consistently monitor and enforce compliance with the policy? If 'Yes,' describe in Schedule O how this is done. SEE SCHEDULE O	X	
<b>13</b>	Does the organization have a written whistleblower policy?		X
<b>14</b>	Does the organization have a written document retention and destruction policy?		X
<b>15</b>	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		
<b>a</b>	The organization's CEO, Executive Director, or top management official?	X	
<b>b</b>	Other officers of key employees of the organization? SEE SCHEDULE O Describe the process in Schedule O. (see instructions)	X	
<b>16 a</b>	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>b</b>	If 'Yes,' has the organization adopted a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and taken steps to safeguard the organization's exempt status with respect to such arrangements?		

**Section C. Disclosures**

- 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 (501(c)(3)s only) available for public inspection. Indicate how you make 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 makes its governing documents, conflict of interest policy, and financial statements available to the public. SEE SCHEDULE O
- 20** State the name, physical address, and telephone number of the person who possesses the books and records of the organization  
 ▶ MATERIALS TECHNOLOGY INSTITUTE 1215 FERN RIDGE PKWY ST LOUIS MO 63141 314-576-7712

**Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors**

**Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees**

1 a Complete this table for all persons required to be listed Use Schedule J-2 if additional space is needed

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation, and **current** key employees. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- 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) or 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 the organization did not compensate any officer, director, trustee, or key employee

(A) Name and Title	(B) Average hours per week	(C) Position (check all that apply)						(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			
JAMES M MACKI EXEC DIRECTOR	0			X			131,686.	0.	0.	
LYMAN A SCRIBNER ASSOCIATE DIREC	0			X			66,576.	0.	0.	
HEATHER STINE ASSOCIATE DIREC	0			X			54,368.	0.	0.	
DEBBY EHRET OPERATIONS DIRE	0				X		79,755.	0.	0.	
BOARD OF DIRECTORS-SCHEDUL	0	X					0.	0.	0.	
EMORY A FORD ASSOCIATE DIREC	0			X			66,576.	0.	0.	
FRANK G HODGE ASSOCIATE DIREC	0			X			66,576.	0.	0.	
BARRY N GREENE ASSOCIATE DIREC	0			X			66,576.	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	1 a					
	b Membership dues	1 b					
	c Fundraising events	1 c					
	d Related organizations	1 d					
	e Government grants (contributions)	1 e					
	f All other contributions, gifts, grants, and similar amounts not included above	1 f					
	g Noncash contribns included in lns 1a-1f	\$					
	h Total. Add lines 1a-1f						
PROGRAM SERVICE REVENUE	Business Code						
	2 a MEMBERSHIP DUES & ASSESSMENTS		1,442,150.	1,442,150.			
	b -----						
	c -----						
	d -----						
	e -----						
	f All other program service revenue						
g Total. Add lines 2a-2f			1,442,150.				
OTHER REVENUE	3 Investment income (including dividends, interest and other similar amounts)		121,367.			121,367.	
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties						
	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	32,507.					
	b Less: cost of goods sold	b	36,442.				
	c Net income or (loss) from sales of inventory		-3,935.		-3,935.		
Miscellaneous Revenue		Business Code					
11 a -----							
b -----							
c -----							
d All other revenue							
e Total. Add lines 11a-11d							
12 Total Revenue. Add lines 1h, 2g, 3, 4, 5, 6d, 7d, 8c, 9c, 10c, and 11e			1,559,582.	1,442,150.	-3,935.	121,367.	

**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).

<i>Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.</i>	(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 U.S. See Part IV, line 21				
2 Grants and other assistance to individuals in the U.S. See Part IV, line 22				
3 Grants and other assistance to governments, organizations, and individuals outside the U.S. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	532,113.	532,113.	0.	0.
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1) and persons described in section 4958(c)(3)(B)	0.	0.	0.	0.
7 Other salaries and wages	88,281.	88,281.		
8 Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	29,596.	29,596.		
9 Other employee benefits				
10 Payroll taxes	50,122.	50,122.		
11 Fees for services (non-employees)				
a Management				
b Legal	20,000.	20,000.		
c Accounting	9,500.	9,500.		
d Lobbying				
e Prof fundraising svcs. See Part IV, In 17				
f Investment management fees				
g Other				
12 Advertising and promotion				
13 Office expenses	49,346.	49,346.		
14 Information technology				
15 Royalties				
16 Occupancy	22,210.	22,210.		
17 Travel	75,692.	75,692.		
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	111,431.	111,431.		
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	6,910.	6,910.		
23 Insurance	29,938.	29,938.		
24 Other expenses. Itemize expenses not covered above. (Expenses grouped together and labeled miscellaneous may not exceed 5% of total expenses shown on line 25 below.)				
a <u>PROJECT RESEARCH COSTS</u>	471,023.	471,023.		
b <u>MEMBERSHIP DEVELOPMENT</u>	53,458.	53,458.		
c <u>TELEPHONE</u>	21,056.	21,056.		
d <u>POSTAGE AND SHIPPING</u>	17,900.	17,900.		
e <u>PRINTING AND PUBLICATIONS</u>	13,802.	13,802.		
f All other expenses	433.	433.		
25 Total functional expenses. Add lines 1 through 24f	1,602,811.	1,602,811.	0.	0.
26 Joint Costs. Check here <input type="checkbox"/> if following SOP 98-2. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

**Part X Balance Sheet**

		(A) Beginning of year		(B) End of year
ASSETS	1 Cash -- non-interest-bearing		1	
	2 Savings and temporary cash investments	3,356,612.	2	3,124,116.
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net	9,900.	4	
	5 Receivables from current and former officers, directors, trustees, key employees, or other related parties. Complete Part II of Schedule L		5	
	6 Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B). Complete Part II of Schedule L		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use	95,181.	8	109,767.
	9 Prepaid expenses and deferred charges.	15,882.	9	38,858.
	10a Land, buildings, and equipment: cost basis	84,590.		
	b Less: accumulated depreciation. Complete Part VI of Schedule D	69,008.	8,627.	10c 15,582.
	11 Investments -- publicly-traded securities		11	
	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		15	
16 <b>Total assets.</b> Add lines 1 through 15 (must equal line 34)	3,486,202.	16	3,288,323.	
LIABILITIES	17 Accounts payable and accrued expenses	168,359.	17	74,259.
	18 Grants payable		18	
	19 Deferred revenue	751,350.	19	690,800.
	20 Tax-exempt bond liabilities		20	
	21 Escrow 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		24	
	25 Other liabilities. Complete Part X of Schedule D		25	
	26 <b>Total liabilities.</b> Add lines 17 through 25	919,709.	26	765,059.
ORGANIZATION INFORMATION	<b>Organizations that follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 29 and lines 33 and 34.</b>			
	27 Unrestricted net assets	2,566,493.	27	2,523,264.
	28 Temporarily restricted net assets		28	
	29 Permanently restricted net assets		29	
	<b>Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 30 through 34.</b>			
	30 Capital stock or trust principal, or current funds		30	
	31 Paid-in or capital surplus, or land, building, and equipment fund		31	
	32 Retained earnings, endowment, accumulated income, or other funds		32	
	33 <b>Total net assets or fund balances.</b>	2,566,493.	33	2,523,264.
34 <b>Total liabilities and net assets/fund balances</b>	3,486,202.	34	3,288,323.	

**Part XI Financial Statements and Reporting**

- 1 Accounting method used to prepare the Form 990:  Cash  Accrual  Other
- 2a Were the organization's financial statements compiled or reviewed by an independent accountant?
- b Were the organization's financial statements audited by an independent accountant?
- c If 'Yes' to 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?
- 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?
- b If 'Yes,' did the organization undergo the required audit or audits?

	Yes	No
2a		X
2b	X	
2c	X	
3a		X
3b		

BAA

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No 1545-0047

2008

Department of the Treasury Internal Revenue Service

Attach to Form 990. To be completed by organizations that answered 'Yes,' to Form 990, Part IV, lines 6, 7, 8, 9, 10, 11, or 12.

Open to Public Inspection

Name of the organization

MATERIALS TECHNOLOGY INSTITUTE, INC

Employer identification number

13-2892392

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.

Table with 3 columns: Question number, (a) Donor advised funds, (b) Funds and other accounts. Includes questions 1-6 regarding donor advised funds.

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).
2 Complete lines 2a-2d if the organization held a qualified conservation contribution...
a Total number of conservation easements
b Total acreage restricted by conservation easements
c Number of conservation easements on a certified historic structure included in (a)
d Number of conservation easements included in (c) acquired after 8/17/06.
3 Number of conservation easements modified, transferred, released, extinguished, or terminated...
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, violations, and enforcement...
6 Staff or volunteer hours devoted to monitoring, inspecting, and enforcing easements during the year...
7 Amount of expenses incurred in monitoring, inspecting, and enforcing 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 170(h)(4)(B)(ii)?
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.

- 1 a If the organization elected, as permitted under SFAS 116, 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, 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 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 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 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 Trust, Escrow and Custodial Arrangements** Complete if 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.

	Amount
1c	
1d	
1e	
1f	

c Beginning balance

d Additions during the year

e Distributions during the year

f Ending balance

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 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 Investment earnings or 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 year end balance held as:

- a Board designated or quasi-endowment ▶ \_\_\_\_\_ %
- b Permanent endowment ▶ \_\_\_\_\_ %
- c Term endowment ▶ \_\_\_\_\_ %

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 Investments—Land, Buildings, and Equipment.** See Form 990, Part X, line 10.

Description of investment	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Depreciation	(d) Book Value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment				
e Other		84,590.	69,008.	15,582.
<b>Total.</b> Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c) )				15,582.

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**Part XI Reconciliation of Change in Net Assets from Form 990 to Financial Statements**

1	Total revenue (Form 990, Part VIII, column (A), line 12)		1,559,582.
2	Total expenses (Form 990, Part IX, column (A), line 25)		1,602,811.
3	Excess or (deficit) for the year. Subtract line 2 from line 1		-43,229.
4	Net unrealized gains (losses) on investments		
5	Donated services and use of facilities		
6	Investment expenses		
7	Prior period adjustments		
8	Other (Describe in Part XIV)		
9	Total adjustments (net). Add lines 4-8		
10	Excess or (deficit) for the year per financial statements. Combine lines 3 and 9		-43,229.

**Part XII Reconciliation of Revenue per Audited Financial Statements With Revenue per Return**

1	Total revenue, gains, and other support per audited financial statements	1	1,559,582.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
	a Net unrealized gains on investments	2a	
	b Donated services and use of facilities	2b	
	c Recoveries of prior year grants	2c	
	d Other (Describe in Part XIV)	2d	
	e Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	1,559,582.
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:		
	a Investments expenses not included on Form 990, Part VIII, line 7b	4a	
	b Other (Describe in Part XIV)	4b	
	c Add lines 4a and 4b	4c	
5	Total revenue. Add lines 3 and 4c. (This should equal Form 990, Part I, line 12)	5	1,559,582.

**Part XIII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return**

1	Total expenses and losses per audited financial statements	1	1,602,811.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
	a Donated services and use of facilities	2a	
	b Prior year adjustments	2b	
	c Losses reported on Form 990, Part IX, line 25	2c	
	d Other (Describe in Part XIV)	2d	
	e Add lines 2a through 2d	2e	
3	Subtract line 2e from line 1	3	1,602,811.
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
	a Investments expenses not included on Form 990, Part VIII, line 7b	4a	
	b Other (Describe in Part XIV)	4b	
	c Add lines 4a and 4b	4c	
5	Total expenses. Add lines 3 and 4c. (This should equal Form 990, Part I, line 18)	5	1,602,811.

**Part XIV Supplemental Information**

Complete this part to provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X; Part XI, line 8; Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b

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**Part XIV** Supplemental Information *(continued)*

Area with horizontal dashed lines for supplemental information.

**SCHEDULE O  
(Form 990)**

**Supplemental Information to Form 990**

OMB No 1545-0047

**2008**

**Open to Public  
Inspection**

Department of the Treasury  
Internal Revenue Service

▶ Attach to Form 990. To be completed by organizations to provide additional information for responses to specific questions for the Form 990 or to provide any additional information.

Name of the organization

**MATERIALS TECHNOLOGY INSTITUTE, INC**

Employer identification number

**13-2892392**

**FORM 990, PART VI, LINE 6 - EXPLANATION OF CLASSES OF MEMBERS OR SHAREHOLDER**

THE MEMBER COMPANIES DELEGATE A REPRESENTATIVE TO SERVE WITH THE ORGANIZATION.

**FORM 990, PART VI, LINE 7A - HOW MEMBERS OR SHAREHOLDERS ELECT GOVERNING BODY**

THE MEMBERS VOTE FOR BOARD OF DIRECTORS POSITIONS FOR TERMS OF ONE YEAR. ALL MEMBERS VOTE ON MAJOR ORGANIZATIONAL CHANGES AND OTHER MATERIAL MATTERS THAT WOULD AFFECT THE NON-PROFIT NATURE OF THE ORGANIZATION. THE BOARD OF DIRECTORS OVERSEE THE DAY TO DAY OPERATION OF THE ORGANIZATION BY APPROVING RESEARCH PROJECTS, FUNDING LEVELS, BUDGETS, FINANCIAL OVERSIGHT AND DIRECTIONAL OVERSIGHT.

**FORM 990, PART VI, LINE 10 - FORM 990 REVIEW PROCESS**

FORM 990 IS PROVIDED TO THE EXECUTIVE DIRECTOR AND BOARD OF DIRECTOR'S FOR REVIEW AND COMMENTS

**FORM 990, PART VI, LINE 12C - EXPLANATION OF MONITORING AND ENFORCEMENT OF C**

ORGANIZATION HAS ADOPTED A BOD COMMITTEE WHICH REVIEWS ALL PROJECTS FOR POSSIBLE CONFLICTS OF INTEREST. THE COMMITTEE REPORTS ANY POSSIBLE CONFLICTS TO THE BOARD. OUTSIDE LEGAL COUNSEL IS PRESENT AT BOD MEETINGS, RECEIVES COPIES OF THE MINUTES AND IS UTILIZED ON A REGULAR BASIS TO REVIEW THE ORGANIZATIONS POLICIES AND SPECIFIC QUESTIONS REGARDING CONFLICTS OF INTEREST

**FORM 990, PART VI, LINE 15B - COMPENSATION REVIEW & APPROVAL PROCESS FOR OFFICERS & KEY EMPLOYEE**

BOARD OF DIRECTORS HAS ESTABLISHED A COMMITTEE WHICH RESEARCHES COMPARABILITY DATA BASED ON SIMILAR ORGANIZATIONS, TIME DEVOTED TO THE ORGANIZATION, KNOWLEDGE OF THE INDUSTRY AND PERFORMANCE. WRITTEN RECOMMENDATIONS ARE PRESENTED TO THE BOARD WHICH HAS FINAL AUTHORITY OVER ALL COMPENSATION MATTERS.

**FORM 990, PART VI, LINE 19 - OTHER ORGANIZATION DOCUMENTS PUBLICLY AVAILABLE**

THE ORGANIZATION'S WEB SITE DIRECTS INTERESTED PARTIES TO CONTACT THE ORGANIZATION FOR COPIES OF REQUIRED DOCUMENTS.

## CHRONOLOGY OF MTI PROJECTS

- Project 1  
*PP E*            Regarding ISGHO: Guide Notes on the Safe Use of Stainless Steel in Chemical Process Plant  
Bulletin No. 1
- Project 1-II  
*PP E*            Guidelines for Control of SCC of Nickel-Bearing Stainless Steels & Nickel-Base Alloys  
Manual No. 1
- Project 2  
*PP F*            Electrochemical Monitoring of Occluded Cell Corrosion  
Tech. Rpt. No. 3
- Project 2-II  
*PP F*            A Sensor for Monitoring Crevice Corrosion - An Analysis and Evaluation  
Tech. Rpt. No. 8
- Project 3  
*PP B1*           A Study of the Feasibility of Non-Destructively Testing Adhesively Bonded Joints in Reinforced Thermosetting Resin Pipe  
Tech. Rpt. No. 2
- Project 4  
*PP G*            Performance & Reliability of Corrosion Resistant Alloy Castings - Phase I Causes of Unsatisfactory Performance  
Manual No. 5
- Project 4-II  
*PP G*            Performance & Reliability of Corrosion Resistant Alloy Castings - Phase II Casting Discontinuities  
Manual No. 6
- Project 5  
*PP B-2*           Proposal to Improve Quality Assurance of Custom-Fabricated Fiber Reinforced Plastic Piping & Equipment Subjected to Severe or Critical Chemical Resistance Service  
Tech. Rpt. 1
- Project 5-II  
*PP B-2*           Quality Assurance Report - RTP Corrosion Resistant Equipment  
MTI/SPI Book
- Project 6  
*PP A*            State of the Art Survey of Non-Chromatic Cooling Water Corrosion Inhibitors  
Manual 4
- Project 6-II  
*PP A*            Cooling Water Corrosion Inhibitor Program Performance Report Form  
Tech. Rpt. No. 6
- Project 7  
*PP B*            Recommended Procedures for Field Installation & Repair of FRP Equipment & Piping for Chemical Service  
Manual No. 2
- Project 8  
*PP H*            Narrative Summary of First Symposium on Shell and Tube Heat Exchangers  
Tech. Rpt. No. 5
- Project 9  
*PP D*            Guideline Information on Newer Wrought Iron & Nickel-Base Corrosion Resistant Alloys  
Manual No. 3
- Project 10  
*PP C*            Refractories for the Chemical Process Industries  
Manual No. 9

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ADR-4

Project 11 <i>PP L</i>	Fracture Control for the Chemical Process Industries Manual No. 8
Project 12 <i>PP J</i>	Investigation of Nondestructive Testing Techniques for Detecting Corrosion of Steel Under Insulation Tech. Rpt. No. 4
Project 12-II <i>PP J</i>	Investigation of an Approach to Detection of Corrosion Under Insulation - Phase 2 Tech. Rpt. No. 7
Project 13 <i>PP D</i>	Guideline Data on Zr, Ti, Nb and Ta Alloys
Project 14 <i>PP N</i>	Brittle Fracture Resistance of Small Diameter Piping
Project 14-II <i>PP N</i>	Evaluation of the ANSI B31.3 Impact Test Requirements for Small Diameter Piping Publ. No. 20
Project 15 <i>PP Y</i>	The Development of Controlled Hydrodynamic Testing Techniques for Corrosion Publ. No. 23
Project 16 <i>PP U (&amp;h)</i>	Development of a Cell for Monitoring Stress Corrosion Cracking Publ. No. 12
Project 17 <i>PP X</i>	E/ph Diagrams for Alloys Publ. No. 31
Project 18 <i>PP S</i>	Evaluation of the EPR Technique and the EC-5 Metal Sensitization Detector for Determining Susceptibility of Austenitic Stainless Steels to Ingranular Corrosion Publ. No. 11
Project 19 <i>PP BB</i>	Shell & Tube Heat Exchanger Symposium II ASM Book
Project 20 <i>PP Z</i>	Eddy Current Field Examination on Nonferrous Heat Exchanger Tubing Publ. No. 16
Project 21 <i>PP DD (&amp;n)</i>	Manual on Closure Bolting for the Chemical Process Industries Publ. No. 14
Project 22 <i>PP ag</i>	Monograph on the Erosion of Materials by Solid Particle Impact Publ. No. 10
Project 23 <i>PP k</i>	Organic Coatings for Heat Exchangers
Project 24 <i>PP O</i>	Practical Guide to the Use of Elastomeric Linings Manual No. 7

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- Project 25      Furan Reinforced Thermoset Plastics for FRP Equipment  
*PP aa*            Publ. No. 21
- Project 26      Microbiologically Induced Corrosion: A State of the Art Review  
*PP CC (&a)*       Publ. 13
- Project 27      Guidelines for Preventing Stress Corrosion Cracking in the Chemical Process Industries  
*PP T*              Publ. No. 15
- Project 28      Corrosion Under Heat Transfer Conditions  
*PP q*              Publ. No. 17
- Project 29      An Atlas of Corrosion and Related Failures  
*PP c*              Publ. No. 18
- Project 30      Deep Penetrating Eddy Current Technique to Detect Corrosion Under Insulation  
*PP ab*             Publ. No. 22
- Project 31      Tube Wall Temperature Measurement in Fired Process Heaters  
*PP t*              Publ. No. 24
- Project 32      Corrosion Under Insulation Symposium  
                    Held October 11-13, 1983
- Project 33      Corrosion by H<sub>2</sub>SO<sub>4</sub> Under Flow Conditions  
*PP ar*             Publ. T-1
- Project 34      The Erosion of Materials by Liquid Flow  
*PP bk*             Publ. No. 25
- Project 35      Corrosion of Reinforcement in Pre-Stressed Concrete  
*PP x*
- Project 36      Test Kits for MIC  
*PP bo*             Publ. No. 37
- Project 37      Cathodic Protection of Tank Bottoms  
*PP bm*
- Project 38      Corrosion Resistance of Fireproofing Materials  
*PP y*              Dropped
- Project 39      Corrosion Resistance of Hard-Facing Alloys  
*PP f*
- Project 40      Evaluation of Heat Transfer Corrosion Test Apparatus  
*PP q*              Publ. No. 29
- Project 41      The Development of NDT for Determining the Onset of Cracking in Expansion Bellows  
*PP bn*             Publ. No. 28
- Project 42      Experience Survey Stress Corrosion Cracking of Austenitic Stainless Steels in Water  
*PP ad*             Publ. No. 27

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Project 43 <i>PP ba</i>	Guidelines for Assessing Fire Damage Publ. No. 30
Project 44 <i>PP by</i>	Stainless Steel, Nickel, Titanium & Zirconium Alloys in Sea Water Publ. No. 26
Project 45 & 45-II <i>PP cg</i>	Data Bank Index Completed
Project 46 <i>PP bt</i>	Alloy Directory (formerly UNS Numbers vs Trade Names)
Project 47 <i>PP ch</i>	Evaluation of Test Methods for Asbestos Replacement Gaskets Publ. No. 35, 36
Project 48 <i>PP bp</i>	Pyrophoric Surfaces on Zirconium Equipment: Potential Ignition Hazard Publ. No. 19
Project 49 <i>Pp cb</i>	Corrosion Resistance of Weldments in Duplex Stainless Steel Alloys Publ. No. 33
Project 50 <i>PP cx</i>	Guidelines for Mothballing Process Plants Publ. No. 34
Project 51 <i>PP cc</i>	Listing of Videotapes
Project 52 <i>PP da</i>	Index to Forum Topics
Project 53 <i>PP bh</i>	Expert Corrosion System (Computerized Data Bank)
Project 54 <i>PP db</i>	Training/Awareness Video Development
Project 55 <i>PP ct</i>	Evaluation of Plastic Corrosion Coupons Publ. T-4
Project 56 <i>PP dp</i>	AUSCOR Expert System
Project 57 <i>PP dn</i>	Stress Analysis Program for Fired Tubes pcTUBE program
Project 58 <i>PP dq</i>	Inspection of Ti and Zr Welds for Contamination
Project 59 <i>Pp dl</i>	Atmospheric Corrosion of Control Equipment Publ. No. 38
Project 60	Thermal Spray Coating Application in the CPI

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<i>PP de</i>	Publ. No. 42
Project 61 <i>Pp df</i>	Evaluation of SCC Tests Publ. No. 39
Project 62 & 62-2 <i>PP dg</i>	Guidelines for Fabrication & Inspection of Process Vessels, Equipment & Piping Systems Publ. No. 40, 49
Project 63 <i>PP dx</i>	Tank Symposium I Publ. AST 1
Project 64 <i>PP ea</i>	Monographs on Materials for Handling Hazardous Chemicals Ongoing Publication
Project 65 <i>PP dy</i>	Inspection & Design of Large Above-ground Storage Tanks Completed
Project 66 <i>PP ei</i>	Tank Symposium II Publ. AST 2
Project 67 <i>PP di</i>	Localized Corrosion in Halides Other Than Chlorides Publ. No. 41
Project 68 <i>PP ek</i>	Non-Asbestos Gasketing Survey
Project 69 <i>Pp dr</i>	Chemical Cleaning of Process Equipment Publ. No. 52
Project 70	Computerization of Index to Forum Topics (Folio)
Project 71 <i>PP dy</i>	Crackwise
Project 72 <i>PP eq</i>	Computerization of Atlas of Corrosion Failures Help C+
Project 73 <i>PP eu</i>	NiDI/MTI Corrosion Education Program
Project 74	Inspection and Maintenance of Piping
Project 75 <i>PP fa</i>	Corrosion Control in the CPI, 2nd Edition Publ. No. 45
Project 76 <i>PP dp</i>	AUSCOR Expert System
Project 77 <i>PP fc</i>	PRIME
Project 78 <i>PP ep</i>	Benchmarking Materials Engineering Report Issued

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Project 79	Toughness of Steels Database
Project 80 <i>PP ez</i>	Specialized ASTM Standards Book Published
Project 81 <i>PP fi</i>	MTI/NACE Research Grant
Project 82 <i>PP fp</i>	Second International Piping Symposium Publ. No. 48
Project 83 <i>PP fk</i>	Guidelines for Implementing API 570
Project 84 <i>PP eg</i>	Spark Testing of Linings Publication R-6
Project 85 <i>PP ev</i>	Risk Management and Materials Engineering Publ. No. 44
Project 86 <i>PP dp</i>	AUSCOR Expert System
Project 87 <i>PP fn</i>	Electrochemical Studies of Corrosion Under Tubercles
Project 88	Portable Exhibit Booth for Membership Development Dropped
Project 89	Review of Spark Testing Practices Phase II
Project 90 <i>PP fw</i>	Surface Preparation for Crack Detection
Project 91	Inspection of Ti and Zr Welds Phase II Report to file
Project 92 <i>PP fx</i>	Guide for Using ASME RTP-1 Publication 50
Project 93 <i>PP gh</i>	Detection of Corrosion Through Insulation Report to File
Project 94 <i>PP fd</i>	Compilation of OSHA Citations - Report Issued Project 105-Updates
Project 95 <i>PP fy</i>	Computerized Bulletin Board System Completed
Project 96	Compilation of Unusual Corrosion Problems <i>Publ. 54</i>

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Project 97 <i>PP fj &amp; gv</i>	Survey of Technical Societies for Highly Reliable Heat Exchangers <i>Report to file</i>
Project 98 <i>PP gj</i>	Permeation of Polymers (ff Resource Group Members) Publ. 53
Project 99 <i>PP ff</i>	Inspection Manual for Non-Metallic Linings Terminated
Project 100 <i>PP gs</i>	On-Line Inspection of Equipment Operating At High Temperatures (NDE) Report to File
Project 101 <i>PP fz</i>	Carburizing Tests as Related to Ethylene Pyrolysis Furnaces Publication 52
Project 102 <i>PP ff</i>	Lifetime Prediction for Fiber Reinforced Plastics in CPI Report to file
Project 103 <i>PP hk</i>	Guidelines for Design & Operation of Exchangers in CTW Terminated
Project 104 <i>PP gm</i>	Heat Resistant Castings
Project 105 <i>PP fd</i>	Compilation of OSHA Citations      Project 94 - Update
Project 106 <i>PP fo</i>	Case Histories of Improper Materials and/or Documentation Completed
Project 107 <i>PP hq</i>	NDE of Polymeric Material Publ. R-8
Project 108 <i>PP hh</i>	Joint ASTM/MTI Standards Program
Project 109 <i>PP he</i>	Cast Iron & Ductile Iron in Steam Service Publication R-2
Project 110 <i>PP ha</i>	Brittle Fracture of Small Diameter Carbon Steel Pipe desired information published in the year 2000 addendum to the ASME code.
Project 111 <i>PP ec</i>	Preparation of ASTM Standards for Gasket Test Methods
Project 112	CD ROM Demo of Forum Topics
Project 113	NDE Equipment Development - a White Paper
Project 114 <i>PP em &amp; fv</i>	Methods for Testing Tank Bottoms Advisory Group Publ. R-5
Project 115	Crackwise 2

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Project 116 <i>PP hg</i>	Materials of Construction for Chemical Plants in Marine & Tropical Areas Report to File
Project 117 <i>PP hj</i>	Composite Materials to Mitigate Explosion Damage Publ. R-7
Project 118 <i>PP hl</i>	Detection of Corrosion Through Insulation: Test Program Publ. R-9
Project 119 <i>PP fs</i>	Corrosion Failure Mechanisms Publ. R-4
Project 120-97	FRP Marketing Report to file
Project 121-97 <i>PP hm</i>	FRP Technology Needs for the CPI Report to file - Download from web site
Project 122-97 <i>PP ho</i>	Corrosion Barrier Deterioration and Damage Detection Download from web site
Project 123-97 <i>PP hi</i>	Defect Sizing in Heat Exchanger Tubing & NDE Publ. R-10
Project 124-97 <i>PP hu</i>	Heat Exchanger Symposium Completed
Project 125-97 <i>PP im</i>	Corrosion Training Manual Completed
Project 126-98 <i>PP in</i>	Microwave Methods for NDE of Polymer Based Structures R-11
Project 127-98 <i>PP ip</i>	Technology Road Map Workshop Published by Energetics
Project 128	Update Cor•Sur Completed
Project 129-99 <i>PP iu</i>	FRP Self-Help Guidelines refined by Project 140-00
Project 130-99 <i>PP iy</i>	High Temperature Gaseous Corrosion (ASSET) CD distributed to TAC
Project 131	Publication MS-Series Completed, Published, Posted
Project 132-99 <i>PP rw</i>	Water Treatment Auditing R-12

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Project 133-99 An Overview of Metal Dusting  
*PP gw* R-13

Project 134-99 Benchmarking Welder Qualifications  
*PP iv* Download from web site

Project 135-00 Honeywell Corrosion Monitoring System  
*PP jo* No product. Braunling presentation.

Project 136-00 Corrosion of Alloys in Mixed Solvent Environments  
*PP jd* Program available from OLI

Project 137-00 Advanced Intermetallics & Alloy for Ethylene Crackers  
*PP hw*

Project 138-00 Metal Dusting Study  
*PP gw* Available from DOE

Project 139-00 Materials Selection for the Chemical Process Industries  
*PP jp* MTI-9519

Project 140-00 FRP Manual Revisions  
 Available on CD

Project 141-01 Guidelines for Troubleshooting Water Cooled Heat Exchangers  
*PP ix* MTI-9520

Project 142-01 Field Trials of Microwave NDE Follow-up to 126  
*PP jz* R-18

Project 143-01 Flange Makeup Training Program  
*PP jv* report to file

Project 144-01 Valve Manufacturers Audit Pool  
*PP ju* Abandoned – no report

145-01 Permeation Testing Protocol: Establishing Procedures & Guidelines  
*PP kf* R-20

146-01 Alternative Funding for Potential Project ka  
 Not needed – abandoned

147-02 Mixed Acids  
*PP km* Available on CD

148-02 FCAW, Short Arc, & Other MIG Processes  
*PP jw* R-14

149-02 Monitoring Refractory Thickness  
*PP ka* R-19

150-02 Chemical Industry Corrosion Management  
*PP ku*

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151-02 Modernization of ASTM Specifications for Unalloyed Titanium  
*PP kl* ASTM accepted data Project complete

152-02 How to Implement Risk-Based Inspection  
*PP kk* Publication 56 MTI 9526

153-03 Statistical Analysis of NDE Data  
*PP ja* Contractor fired

154-03 MTI Portal  
*RAG ks* Hosted on Web site for two years. Eliminated in 2006

155-03 Reliability Manual  
*PP ki* In publication

156-03 Metal Dusting II

157-03 Probability of Detection of Defects in Heat Exchanger Tubing  
*PP kx* R-16

158-03 Welding of Clad Titanium Plate  
*PP lm* Completed. Report to file

159-04 User's Guide for Evaluating New High Tech Polymeric Materials  
*PP la*

160-04 Guide for Design, Manufacture, Installation and Operation of FRP Flanges and Gaskets  
*PP kz & md* Published

161-04 Building & Marketing Flange Makeup Kit & Training  
*PP lh* R-15 with references to Project 143

162-04 Atlas of Microstructures  
*PP ke* In Publication

163-04 Condition Assessment Workshop  
*PP lr* Abandoned

164-05 Materials Training Videos  
*PP ll* MTI 9535

165-05 Guide for Repair & Modification of FRP Equipment  
*PP lb*

166-05 Guide for Repair & Modification of Lined Equipment  
*PP lb*

167-05 Rouging  
*PP kw*

168-05 MS-8 Organic Solvents  
*PP lw*

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169-05 PP mb	Incident Assessment
170-05 PP kh	Procedure for Evaluating Failure
171-06 PP kh	Characterization of Nanoparticles (DOE funded)
172-06 PP mj	High Temperature Strength of Titanium "H" Grades
173-06 PP mc	Repair & Damage Assessment of Glass Lined Equipment
174-06 PPma	MRO Vendor Audit
175-06 PP lx	Casting Quality Prediction
176-06 PP mk	Improving and Evergreening RBI Completed seminar 2-07
177-07 PP mh	Design for Inspection
178-07 PP mo	<i>Thin Film Insulators</i>
179-07 PP mr	Advanced Metal Dusting Resistant Alloy & Metal Dusting Alloy Developed at ANL
180-07 PP mt	Measuring Hydridding in Titanium
181-07 PP mu	Specification of Elastomeric Materials
182-07 PP my	Fiber Insulation Properties – Phase I
183-07 PP mf	Revision of MTI Publication No. 51 – Cleaning of Process Equipment & Piping
184-07 PP mw	RBI for Polymers
185-08 PP na	FRP Inspector Training Program

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186-08 Terahertz Imaging  
PP nf

187-08 Rouging – Phase 2  
PP nn

188-08 Advanced Metal Dusting Resistant Materials  
PP nb

189-08 Data Retrieval Services for MTI  
PP nc

190-08 Reliability Manual for Fixed Equipment & Piping  
PP nd

# Application for Extension of Time To File an Exempt Organization Return

Department of the Treasury  
Internal Revenue Service

▶ **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
- 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.

**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.

**Electronic Filing (e-file).** Generally, you can electronically file Form 8868 if you want a 3-month automatic extension of time to file one of the returns noted below (6 months for a corporation required to file Form 990-T). However, you cannot file Form 8868 electronically if (1) you want the additional (not automatic) 3-month extension or (2) you file Forms 990-BL, 6069, or 8870, group returns, or a composite or consolidated Form 990-T. Instead, you must submit the fully completed and signed page 2 (Part II) of Form 8868. For more details on the electronic filing of this form, visit [www.irs.gov/efile](http://www.irs.gov/efile) and click on *e-file for Charities & Nonprofits*.

<b>Type or print</b>  <small>File by the due date for filing your return. See instructions.</small>	Name of Exempt Organization	Employer identification number
	<b>MATERIALS TECHNOLOGY INSTITUTE, INC</b>	<b>13-2892392</b>
	Number, street, and room or suite number. If a P O box, see instructions	
	<b>1215 FERN RIDGE PARKWAY #206</b>	
	City, town or post office, state, and ZIP code. For a foreign address, see instructions	
	<b>ST LOUIS, MO 63141</b>	

**Check type of return to be filed** (file a separate application for each return)

- |  |  |                                    |
|--|--|------------------------------------|
| <input checked="" type="checkbox"/> Form 990 | <input type="checkbox"/> Form 990-T (corporation)                    | <input type="checkbox"/> Form 4720 |
| <input type="checkbox"/> Form 990-BL         | <input type="checkbox"/> Form 990-T (section 401(a) or 408(a) trust) | <input type="checkbox"/> Form 5227 |
| <input type="checkbox"/> Form 990-EZ         | <input type="checkbox"/> Form 990-T (trust other than above)         | <input type="checkbox"/> Form 6069 |
| <input type="checkbox"/> Form 990-PF         | <input type="checkbox"/> Form 1041-A                                 | <input type="checkbox"/> Form 8870 |

• The books are in the care of ▶ MATERIALS TECHNOLOGY INSTITUTE

Telephone No. ▶ 314-576-7712 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 will cover

1 I request an automatic 3-month (6 months for a corporation required to file Form 990-T) extension of time until 2/15, 20 10, to file the exempt organization return for the organization named above. The extension is for the organization's return for:

- ▶  calendar year 20\_\_ or
- ▶  tax year beginning 7/01, 20 08, and ending 6/30, 20 09.

2 If this tax year 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 or 990-T, 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, or, if required, deposit with FTD coupon or, 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.

**BAA For Privacy Act and Paperwork Reduction Act Notice, see instructions.**

**Materials Technology Institute, Inc.  
2008 Form 990 Attachment**

**Board of Directors**

Robert Gill	ELLETT Industries, Ltd.
Dale Heffner (Chair)	Electro Chemical Engineering & Manufacturing Company
Srini Kesavan	FMC Corporation
Pradip Khaladkar	DuPont
E.L. (Gene) Liening	The Dow Chemical Company
Edward Naylor (Vice Chair)	AkzoNobel
Maria Jose Landeira Oestergaard (EuroTAC Vice Chair)	Haldor Topsoe
Randy Scheel (AmeriTAC Chair)	Allegheny Technologies, Inc.
Robert Sinko (AmeriTAC Chair)	Eastman Chemical Company
Michael Turner (EuroTAC Chair/BOD Ex-Officio)	AkzoNobel
Bill Watkins	Air Products
Paul Whitcraft	Rolled Alloys
Kelly Wyrrough	Roben Manufacturing
Henry Ye (AsiaTAC Chair/BOD Ex Officio)	DuPont

**Staff**

James Macki, Executive Director  
Debby Ehret, Operations Director

Associate Directors:

Emory Ford, Barry Greene, Galen Hodge, Tony Scribner, Heather Stine