

2018 Current Fiscal Year Report: Materials Processing Equipment Technical Advisory Committee

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1. Department or Agency

Department of Commerce

2. Fiscal Year

2018

3. Committee or Subcommittee

Materials Processing Equipment Technical Advisory
Committee

3b. GSA Committee No.

361

4. Is this New During Fiscal Year?

No

5. Current Charter

10/19/2017

6. Expected Renewal Date

10/19/2019

7. Expected Term Date

8a. Was Terminated During FiscalYear?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next FiscalYear

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority

50 U.S.C. §§ 4601-4623 (Supp. III 2015)
(the "Act")

13. Effective Date

07/12/1985

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this
FiscalYear

17a. Open 1 17b. Closed 0 17c. Partially Closed 3 Other Activities 0 17d. Total 4 Meetings and Dates

Purpose	Start	End
Discussions on results from last, and proposals from last Wassenaar meeting, Presentation of papers and comments by the Public, Report on proposed and recently issued changes to the Export Administration Regulations and other business.	10/24/2017	10/24/2017
Discussions on results from last, and proposals from last Wassenaar meeting, Presentation of papers and comments by the Public, Report on proposed and recently issued changes to the Export Administration Regulations and other business.	03/06/2018	03/06/2018
Discussions on results from last, and proposals from last Wassenaar meeting, Presentation of papers and comments by the Public, Report on proposed and recently issued changes to the Export Administration Regulations and other business.	05/15/2018	05/15/2018
Discussions on results from last, and proposals from last Wassenaar meeting, Presentation of papers and comments by the Public, Report on proposed and recently issued changes to the Export Administration Regulations and other business.	08/07/2018	08/07/2018

Number of Committee Meetings Listed: 4

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$36,923.00	\$36,923.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$4,259.00	\$4,259.00
18d. Total	\$41,182.00	\$41,182.00
19. Federal Staff Support Years (FTE)	0.30	0.30

20a. How does the Committee accomplish its purpose?

The Materials Processing Equipment Technical Advisory Committee (MPETAC) focused on the following issues in FY2018: The committee worked closely with attending agencies to discussed multiple Category 2 and Wassenaar topics: Reviewed 2B8C with regard to clarifying treatment of compound rotary tables and tilting spindles, Gave, 2B3 Large Parallel axis Gears - clarification and quality system references, reviewed Wassenaar proposals to 2A001A, 2D2, 2B6B1, US proposal to Wassenaar to move items controlled in 2B008 to 2B006, reviewed several ECCNs, which include "specially designed" in attempt to remove the phrase and updates on policies regarding exports to Russia, Iran and Cuba. During the year, the MPETAC presented both a condensed summary of pertinent machine-tool statistics (March), as well as hosted the Association for Manufacturing Technology (AMT) experts to present a detailed overview of the statistics describing the current state and health of the U.S. machine tool (manufacturing technology) industry in a world-wide context (May). The MPETAC presented several overviews of Additive Manufacturing (AM) technology as it applies to the aerospace industry and as it applies to multi-purpose machine tools that work both additively and subtractively. Developments in AM production of HPT turbine blades were monitored and reported. The MPETAC continued to provide government data on the status of China's C929 aircraft program and data on tow placement machine exports to China from France and Spain, provide government data on the status of China's C929 aircraft program and data on tow placement machine exports to China from France and Spain. Provided forum for a U.S. precision optics machine builder to look for solutions to slow 2B001 licensing response for export to China ultimately traced to the Ministry of Commerce of the People's Republic of China pre-license certificate delays and an elevated rate of requests. MPETAC participated in planning sessions and remains ready to support harmonized textual clean-up initiatives. MPETAC leadership produced a Technical Advisory

Committee (TAC) overview document presenting the scope, personnel and contact info of the seven TACs. In FY2019, the MPETAC will continue to support BIS and U.S. Government Export Control Reform Act activities. The committee will solicit additional members from industry. Specific agenda items include: Work with our Designated Federal Officer and BIS leadership to consider whether the Materials Technical Advisory Committee and the MPETAC could hold joint meetings to increase overall efficiency. Review, discuss and provide Industry perspectives on active Wassenaar proposals. Provide Government information and status regarding "Industry 4.0" technologies applied to and emerging within the machine tool segment. Provide Government information and status regarding AM technologies applied to and emerging within the machine tool segment. Support Government efforts to identify Emerging Technologies and formulate effective controls. Monitor the Chinese market and provide Government with any discovered information regarding China's internal capability to produce tow placement and tape laying machines and software used to program these machines.

20b. How does the Committee balance its membership?

The MPETAC is composed of industry representatives, and U.S. Government agencies (Departments of Commerce, Defense, State and Energy) with specific technical or export control expertise in hardware and software, machine tool and design, design and development, and manufacturing.

20c. How frequent and relevant are the Committee Meetings?

The MPETAC met three times during FY 2018. The meetings allowed the MPETAC to develop recommendations pertaining directly to Control List Category 2 export control commodities and technology.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

Few people possess the technical expertise necessary to advise the Department on controls in the materials processing area. Depending on their area of expertise, MPETAC members are able to discuss the accuracy, foreign availability, and control parameters for items including the following: motion control boards, tool and cutter grinding machines, turning machines, milling machines, and gear-making machines.

20e. Why is it necessary to close and/or partially closed committee meetings?

Closed sessions are held to allow for discussion of information classified for reasons of national security, information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action, or information of a commercial or financial nature that is privileged or confidential.

21. Remarks

Authorized by the Export Administration Act of 1979 (50 U.S.C. app. 2401-2420) as amended by the Export Administration Amendments Act of 1985, P.L. 99-64, 99 Stat. 120 (July 12, 1985). Although the Export Administration Act of 1979 (EAA), as amended, has expired, its provisions and those of the Export Administration Regulations were continued in effect, and to the extent permitted by law, when the President by Executive Order invoked the International Emergency Economic Powers Act.

Designated Federal Officer

Jeff Bond DFO

Committee Members	Start	End	Occupation	Member Designation
Keller, Brent	01/04/2016	01/04/2020	Fives Cincinnati	Representative Member
Kubinski, Kevin	08/22/2014	08/22/2018	Hardinge, Inc	Representative Member
Lail, Michael	01/20/2015	01/20/2019	Okuma America Corp.	Representative Member
Lucas, Rick	08/22/2014	08/22/2018	The ExOne Company	Representative Member
McGlasson, William	09/02/2015	09/02/2019	The Gleason Works	Representative Member
Moor, James	01/20/2015	01/20/2019	Pratt & Whitney	Representative Member
Sampson, Steven	11/04/2016	11/04/2020	Boeing Commercial Airplanes	Representative Member
Timmons, Lynn	12/01/2016	12/01/2020	Department of Energy	Regular Government Employee (RGE) Member
Wolf, Vivian	12/01/2016	12/01/2020	U.S. Department of Defense	Regular Government Employee (RGE) Member

Number of Committee Members Listed: 9

Narrative Description

Industry input regarding export controls on materials processing equipment is crucial in developing an export control policy that will maintain competitiveness in the global marketplace while addressing vital national security concerns. The industry forum provided by the Materials Processing Equipment Technical Advisory Committee is a resource that effectively addresses both the technical and economic factors that should be considered in developing the policy.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

N/A

What are the cost savings associated with this committee?

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

Cost Savings Comments

N/A

What is the approximate Number of recommendations produced by this committee for the life of the committee?

5

Number of Recommendations Comments

The Committee meets four times per year. There were recommendations in FY18.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

40%

% of Recommendations Fully Implemented Comments

N/A

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

20%

% of Recommendations Partially Implemented Comments

N/A

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes No Not Applicable

Agency Feedback Comments

N/A

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

Action Comments

N/A

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- Contact DFO
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

Access Comments

N/A