

## U.S. PURCHASERS' QUESTIONNAIRE

### FLUID END BLOCKS FROM CHINA, GERMANY, INDIA, AND ITALY

**This questionnaire must be received by the Commission by DATE**  
***See last page for filing instructions.***

The information called for in this questionnaire is for use by the United States International Trade Commission in connection with its countervailing duty and antidumping investigations concerning fluid end blocks from China, Germany, India, and/or Italy (Inv. Nos. 701-TA-632-635 and 731-1466-1468 (Final)). The information requested in the questionnaire is requested under the authority of the Tariff Act of 1930, title VII. This report is mandatory and failure to reply as directed can result in a subpoena or other order to compel the submission of records or information in your possession (19 U.S.C. § 1333(a)). Further information on this questionnaire can be obtained from Pamela Davis (202-205-2218, [Pamela.Davis@usitc.gov](mailto:Pamela.Davis@usitc.gov)).

<b>Name of firm</b> _____
<b>Address</b> _____
<b>City</b> _____ <b>State</b> _____ <b>Zip Code</b> _____
<b>Website</b> _____
Has your firm purchased, or imported for its own use or retail sale, fluid end blocks (as defined on next page) from <u>any</u> source (domestic or foreign) at any time since January 1, 2017?
<input type="checkbox"/> <b>NO</b> (Sign the certification below and promptly return <b>only</b> this page of the questionnaire to the Commission)
<input type="checkbox"/> <b>YES</b> (Complete all parts of the questionnaire, and return the entire questionnaire to the Commission)
<b>Return questionnaire via the U.S. International Trade Commission Drop Box by clicking on the following link: <a href="https://dropbox.usitc.gov/oinv/">https://dropbox.usitc.gov/oinv/</a>. (PIN: <b>FEBS</b>)</b>

#### CERTIFICATION

*I certify that the information herein supplied in response to this questionnaire is complete and correct to the best of my knowledge and belief and understand that the information submitted is subject to audit and verification by the Commission. By submitting this certification I also grant consent for the Commission, and its employees and contract personnel, to use the information provided in this questionnaire and throughout this proceeding in any other import-injury proceedings conducted by the Commission on the same or similar merchandise.*

*I, the undersigned, acknowledge that information submitted in response to this request for information and throughout this proceeding or other proceedings may be disclosed to and used: (i) by the Commission, its employees and Offices, and contract personnel (a) for developing or maintaining the records of this or a related proceeding, or (b) in internal investigations, audits, reviews, and evaluations relating to the programs, personnel, and operations of the Commission including under 5 U.S.C. Appendix 3; or (ii) by U.S. government employees and contract personnel, solely for cybersecurity purposes. I understand that all contract personnel will sign appropriate nondisclosure agreements.*

<b>Name of Authorized Official</b>	<b>Title of Authorized Official</b>	<b>Date</b>
<b>Signature</b>	<b>Phone</b>	<b>Email address</b>

**PART I.—GENERAL INFORMATION**

**Background.**--This proceeding was instituted in response to petitions filed on December 19, 2019, by Ellwood City Forge Company, Ellwood Quality Steels Company, and Ellwood National Steel Company (collectively the "Ellwood Group"), Ellwood City, Pennsylvania; A. Finkl & Sons ("Finkl Steel"), Chicago, Illinois; and FEB Fair Trade Coalition (an *ad hoc* coalition whose members include the Forging Industry Association, the Ellwood Group, and Finkl Steel), Cleveland, Ohio. Countervailing and antidumping duties may be assessed on the subject imports as a result of these proceedings if the Commission makes an affirmative determination of injury, threat, or material retardation, and if the U.S. Department of Commerce ("Commerce") makes an affirmative determination of subsidization or dumping. Questionnaires and other information pertinent to this proceeding are available at [https://usitc.gov/investigations/701731/2020/fluid\\_end\\_blocks\\_china\\_germany\\_india\\_and\\_italy/final.htm](https://usitc.gov/investigations/701731/2020/fluid_end_blocks_china_germany_india_and_italy/final.htm)

**Fluid end blocks** covered by these investigations are forged steel fluid end blocks (fluid end blocks), whether in finished or unfinished form, and which are typically used in the manufacture or service of hydraulic pumps.

The term "forged" is an industry term used to describe the grain texture of steel resulting from the application of localized compressive force. Illustrative forging standards include, but are not limited to, American Society for Testing and Materials (ASTM) specifications A668 and A788.

For purposes of these investigations, the term "steel" denotes metal containing the following chemical elements, by weight: (i) iron greater than or equal to 60 percent; (ii) nickel less than or equal to 8.5 percent; (iii) copper less than or equal to 6 percent; (iv) chromium greater than or equal to 0.4 percent, but less than or equal to 20 percent; and (v) molybdenum greater than or equal to 0.15 percent, but less than or equal to 3 percent. Illustrative steel standards include, but are not limited to, American Iron and Steel Institute (AISI) or Society of Automotive Engineers (SAE) grades 4130, 4135, 4140, 4320, 4330, 4340, 8630, 15-5, 17-4, F6NM, F22, F60, and XM25, as well as modified varieties of these grades.

The products covered by these investigations are: (1) cut-to-length fluid end blocks with an actual height (measured from its highest point) of 8 inches (203.2 mm) to 40 inches (1,016.0 mm), an actual width (measured from its widest point) of 8 inches (203.2 mm) to 40 inches (1,016.0 mm), and an actual length (measured from its longest point) of 11 inches (279.4 mm) to 75 inches (1,905.0 mm); and (2) strings of fluid end blocks with an actual height (measured from its highest point) of 8 inches (203.2 mm) to 40 inches (1,016.0 mm), an actual width (measured from its widest point) of 8 inches (203.2 mm) to 40 inches (1,016.0 mm), and an actual length (measured from its longest point) up to 360 inches (9,144.0 mm).

The products included in the scope of these investigations have a tensile strength of at least 70 KSI (measured in accordance with ASTM A370) and a hardness of at least 140 HBW (measured in accordance with ASTM E10).

A fluid end block may be imported in finished condition (i.e., ready for incorporation into a pump fluid end assembly without further finishing operations) or unfinished condition (i.e., forged but still requiring one or more finishing operations before it is ready for incorporation into a pump fluid end assembly). Such finishing operations may include: (1) heat treating; (2)

milling one or more flat surfaces; (3) contour machining to custom shapes or dimensions; (4) drilling or boring holes; (5) threading holes; and/or (6) painting, varnishing, or coating. Excluded from the scope of these investigations are fluid end block assemblies which (1) include (a) plungers and related housings, adapters, gaskets, seals, and packing nuts, (b) valves and related seats, springs, seals, and cover nuts, and (c) a discharge flange and related seals, and (2) are otherwise ready to be mated with the "power end" of a hydraulic pump without the need for installation of any plunger, valve, or discharge flange components, or any other further manufacturing operations.

The products included in the scope of these investigations may enter under Harmonized Tariff Schedule of the United States (HTSUS) subheadings 7218.91.0030, 7218.99.0030, 7224.90.0015, 7224.90.0045, 7326.19.0010, 7326.90.8688, or 8413.91.9055. While these HTSUS subheadings are provided for convenience and customs purposes, the written description of the scope of the investigations is dispositive.

**Purchaser.**--Any firm engaged, either directly or through a parent company or subsidiary, in purchasing fluid end blocks from another firm that produces, imports, or otherwise distributes fluid end blocks.

**Reporting of information.**--If information is not readily available from your records, provide carefully prepared estimates. If your firm is completing more than one questionnaire (i.e., a producer, importer, and/or purchaser questionnaire), you need not respond to duplicated questions.

**Confidentiality.**--The commercial and financial data furnished in response to this questionnaire that reveal the individual operations of your firm will be treated as confidential by the Commission to the extent that such data are not otherwise available to the public and will not be disclosed except as may be required by law (see 19 U.S.C. § 1677f). Such confidential information will not be published in a manner that will reveal the individual operations of your firm; however, general characterizations of numerical business proprietary information (such as discussion of trends) will be treated as confidential business information only at the request of the submitter for good cause shown.

**Verification.**--The information submitted in this questionnaire is subject to audit and verification by the Commission. To facilitate possible verification of data, please keep all files, worksheets, and supporting documents used in the preparation of the questionnaire response. Please also retain a copy of the final document that you submit.

**Release of information.**--The information provided by your firm in response to this questionnaire, as well as any other business proprietary information submitted by your firm to the Commission in connection with this proceeding, may become subject to, and released under, the administrative protective order provisions of the Tariff Act of 1930 (19 U.S.C. § 1677f) and section 207.7 of the Commission's Rules of Practice and Procedure (19 CFR § 207.7). This means that certain lawyers and other authorized individuals may temporarily be given access to the information for use in connection with this proceeding or other import-injury proceedings conducted by the Commission on the same or similar merchandise; those individuals would be subject to severe penalties if the information were divulged to unauthorized individuals.

**Valid number error messages.**--If you are completing this form in a country that uses periods (".") to delineate multiples of 1000 (e.g., one million would appear as \$1.000.000 rather than \$1,000,000), you may be unable to enter in numbers greater than 999 in numeric form fields. The solution to this data

entry issue is to temporarily change your operating system's number formatting to be consistent with the U.S. number formatting system while you complete this form. Detailed instructions on how to resolve this issue is provided at the end of this questionnaire and is available upon request from Pamela Davis (202-205-2218, [pamela.davis@usitc.gov](mailto:pamela.davis@usitc.gov)).

I-1a. **Establishments covered.**--Provide the name and address of your U.S. establishment(s) covered by this questionnaire, if different from that listed on the cover page. **Firms operating more than one establishment should combine the data for all establishments into a single response.**

**"Establishment"**--Each facility of a firm involved in the purchase of fluid end blocks, including auxiliary facilities operated in conjunction with (whether or not physically separate from) such facilities.

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I-1b. **Stock symbol information.**-- If your firm or parent firm is publicly traded, please specify the stock exchange and trading symbol: \_\_\_\_\_.

I-1c. **External counsel.**-- If your firm or parent firm is represented by external counsel in relation to this proceeding, please specify the name of the law firm and the lead attorney(s).

Law firm:	
Lead attorney(s):	

I-2. **Ownership.**--Is your firm owned, in whole or in part, by any other firm?

No       Yes--List the following information, relating to the ultimate parent/owner.

Firm name	Country	Extent of ownership (percent)

I-3. **Related importers/exporters.**--Does your firm have any related firms, either domestic or foreign, which import fluid end blocks into the United States or which export fluid end blocks to the United States?

No       Yes--List the following information.

<b>Firm name</b>	<b>Country</b>	<b>Affiliation</b>

I-4. **Related producers.**--Does your firm have any related firms, either domestic or foreign, which produce fluid end blocks?

No       Yes--List the following information.

<b>Firm name</b>	<b>Country</b>	<b>Affiliation</b>

**PART II.--PURCHASES**

**Contact information.**--Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in this questionnaire.

Name	
Title	
Email	
Telephone	

II-1. **Purchases and imports.**--Report separately your firm's domestic purchases and imports of fluid end blocks.

**"Purchase"** – Purchase from a U.S. entity such as a U.S. producer, a U.S. importer, or other U.S. firm.

**"Import"** – Purchase directly from a foreign supplier and your firm is the importer of record.

Item	2017	2018	2019	January-June 2020
	Quantity (in units)			
<b>Purchases of fluid end blocks produced in—</b>				
United States				
China				
Germany				
India				
Italy				
All other countries <sup>1</sup>				
Sources unknown <sup>2</sup>				
Total purchases	0	0	0	0
<b>Imports of fluid end blocks from—</b>				
China				
Germany				
India				
Italy				
All other countries <sup>1</sup>				
Total imports <sup>3</sup>	0	0	0	0
<sup>1</sup> Please identify these countries: _____. <sup>2</sup> Please indicate the firm(s) from which you purchased this merchandise: _____. <sup>3</sup> If your firm imported fluid end blocks at any time since January 1, 2017, please also complete and return a U.S. importers' questionnaire in this proceeding.				

II-2. **Changes in purchasing patterns.**--Please indicate how the shares of your firm's purchases of fluid end blocks from different sources have changed since January 1, 2017.

Source of purchases	Did not purchase	Decreased	Increased	Constant	Fluctuated	Explanation for trend
United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Germany	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
India	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Italy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All other countries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sources unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

II-3. **Country knowledge.**--Please indicate the countries of origin with which your firm has experience or information in the fluid end blocks market.

United States	China	Germany	India	Italy	Other countries	Other countries (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

II-4. **Supplier identification.**--Please list your firm's **FIVE** largest suppliers for fluid end blocks since January 1, 2017. Also, provide the share of the quantity of your firm's total purchases of fluid end blocks that each of these suppliers accounted for in 2019.

No.	Supplier's name	City and state	Share of quantity of 2019 purchases
<b>1</b>			%
<b>2</b>			%
<b>3</b>			%
<b>4</b>			%
<b>5</b>			%

**PART III.--MARKET CHARACTERISTICS AND PURCHASING PRACTICES**

III-1. **Firm type.**--Which of the following best describes your firm as a purchaser of fluid end blocks (check all that apply)?

OEM fluid end module	OEM pump	Other OEM	Machine shop/FEB finishing operation	Distributor	Other	Describe other OEM and/or other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-2. **Finishing operations.**-- Does your firm contract with another firm to provide machining or other finishing operations on the fluid end blocks that your firm purchases, prior to final delivery to your customers or incorporation into your end product (e.g., fluid end modules)? Finishing operations may include milling of one or more flat surfaces; contour machining to custom shapes or dimensions; drilling or boring holes; heat treating; painting, varnishing, or coating; threading.

Check all that apply.	Please describe.
<input type="checkbox"/> Yes	If yes, and your firm has not already identified firms providing finishing services for fluid end blocks in its response to question I-10b in the Importers' questionnaire in this proceeding, please identify the largest supplier of such services below.
<input type="checkbox"/> No - Firm provides finishing operations itself	
<input type="checkbox"/> No - Other	

Finishing firm's name	Finishing firm's contact name	Finishing firm's contact e-mail	Share (percent, by quantity), of your firm's U.S. shipments, that was sent to firm for further finishing, from January 2017 to June 2020
			%



***If your firm is a distributor of fluid end blocks, please answer questions III-3 and III-4.***

III-3. **Competition for sales.**--Does your firm compete for sales to customers with the manufacturers or importers from which your firm purchases fluid end blocks?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

III-4. **Types of customers.**--What are the major types of consumers to which your firm sells fluid end blocks?

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***If your firm is an end user of fluid end blocks, please answer questions III-4 and III-5.***

III-5. **End uses.**--List the top 3 products your firm makes using fluid end blocks and estimate the percent of your total production cost that is accounted for by fluid end blocks and by other inputs (such as labor, energy, and other raw materials).

End-use product	Share of total cost of end-use product accounted for by		Total (should sum to 100.0% across)
	Fluid end blocks	Other inputs	
Hydraulic Fracturing Pumps	%	%	0.0 %
Hydraulic Mud Pumps	%	%	0.0 %
Other (specify):			
	%	%	0.0 %
	%	%	0.0 %

III-6. **Demand for end-use products.**--

(a) Has the demand for your firm's final products incorporating fluid end blocks changed since January 1, 2017?

Increased	No change	Decreased	Fluctuated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) Has this had any effect on your firm's demand for fluid end blocks?

No	Yes	Explain
<input type="checkbox"/>	<input type="checkbox"/>	

III-7. **Substitutes.**--Can other products be substituted for fluid end blocks?

No                       Yes--Please fill out the table.

	Substitute	End use in which this substitute is used	Have changes in the price of this substitute affected the price for fluid end blocks?		
			No	Yes	Explanation
1.			<input type="checkbox"/>	<input type="checkbox"/>	
2.			<input type="checkbox"/>	<input type="checkbox"/>	
3.			<input type="checkbox"/>	<input type="checkbox"/>	

III-8. **Demand trends.**--Indicate how demand within the United States and outside of the United States (if known) for fluid end blocks has changed since January 1, 2017. Explain any trends and describe the principal factors that have affected these changes in demand.

Market	Overall increase	No change	Overall decrease	Fluctuate with no clear trend	Explanation and factors
Within the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outside the United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-9. **Country preferences.**--Do you or your customers ever specifically order fluid end blocks from one country in particular over other possible sources of supply?

No	Yes	If yes, identify the countries and explain.
<input type="checkbox"/>	<input type="checkbox"/>	

III-10. **Importance of purchasing domestic product.**--Please fill out the table below, estimating the percentage of your firm's total 2019 purchases of fluid end blocks that required fluid end blocks produced in the United States.

	<b>Estimated percentage of your firm's total 2019 purchases of fluid end blocks</b>
<b>Purchases that did not require domestic product</b>	%
<b>Purchases that were required by law or regulation to be domestic product</b> (e.g., government purchases under "Buy American" provisions)	%
<b>Purchases that were not required by law or regulation, but were required by your customers to be domestic product</b>	%
<b>Purchases that were required to be domestic product for other reasons</b> (explain: _____.)	%
<b>Total</b> (should sum to 100.0%)	0.0 %

III-11. **Conditions of competition.**--

(a) Is the fluid end blocks market subject to business cycles (other than general economy-wide conditions) and/or other conditions of competition distinctive to fluid end blocks?

<b>Check all that apply.</b>	<b>Please describe.</b>
<input type="checkbox"/> No	Skip to question III-12.
<input type="checkbox"/> Yes - Business cycles (e.g. seasonal business)	
<input type="checkbox"/> Yes - Other distinctive conditions of competition	

(b) Have there been any changes in the business cycles or conditions of competition for fluid end blocks since January 1, 2017?

<b>No</b>	<b>Yes</b>	<b>If yes, describe.</b>
<input type="checkbox"/>	<input type="checkbox"/>	

III-12. **Decisions based on producer and country-of-origin.**--How often does your firm, and if known, do your customers, make purchasing decisions involving fluid end blocks based on its producer or country of origin?

Item	Always	Usually	Sometimes	Never	If at least sometimes, explain.
<b>Decision based on producer</b>					
Your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Your customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Decision based on country of origin</b>					
Your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Your customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-13. **Availability of supply.**--Has the availability of fluid end blocks in the U.S. market changed since January 1, 2017?

Availability in the U.S. market	No	Yes	Please explain, noting the countries and reasons for the changes.
U.S.-produced product	<input type="checkbox"/>	<input type="checkbox"/>	
Subject imports	<input type="checkbox"/>	<input type="checkbox"/>	
Nonsubject imports	<input type="checkbox"/>	<input type="checkbox"/>	

III-14. **Supply constraints.**--Has any firm refused, declined, or been unable to supply your firm with fluid end blocks since January 1, 2017 (examples include placing customers on allocation or "controlled order entry," declining to accept new customers or renew existing customers, delivering less than the quantity promised, being unable to meet timely shipment commitments, etc.)?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

III-15. **Availability of specific product types.**--Are certain grades/types/sizes/finishing options of fluid end blocks only available from certain country sources?

No	Yes	If yes, please identify the countries and the grade/type/size/finishing options.
<input type="checkbox"/>	<input type="checkbox"/>	

III-16. **Purchasing frequency.**--

(a) How frequently does your firm make purchases of fluid end blocks (check one)?

Daily	Weekly	Monthly	Quarterly	Annually	Other	<i>If other, specify</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

(b) Has this purchasing frequency changed since January 1, 2017?

No	Yes	If yes, please describe.
<input type="checkbox"/>	<input type="checkbox"/>	

III-17. **Raw material prices.**—

(a) Is your firm familiar with the prices for raw materials used in the production of fluid end blocks?

No	Yes – please answer (b)
<input type="checkbox"/>	<input type="checkbox"/>

(b) Has information on raw material prices affected your firm's negotiations or contracts to purchase fluid end blocks since 2017?

No	Yes	Explain
<input type="checkbox"/>	<input type="checkbox"/>	

III-18. **Impact of section 301 tariffs.**-- Did the imposition of tariffs on Chinese-origin products under section 301 have an impact on the fluid end blocks market in the United States?

<b>Yes</b> — Please indicate the impact in the table below.	<b>No</b>	<b>Don't know</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Factor</b>	<b>Overall increase</b>	<b>No change</b>	<b>Overall decrease</b>	<b>Fluctuate with no clear trend</b>	<b>Explain, noting how the imposition of tariffs under section 301 affected each factor of the fluid end blocks market in the United States.</b>
Supply of U.S.-produced fluid end blocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supply of fluid end blocks imported from China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supply of fluid end blocks imported from other countries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Prices for fluid end blocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Overall U.S. demand for fluid end blocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Raw material costs for fluid end blocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

III-19. **Number of suppliers contacted.**--How many suppliers does your firm generally contact before making a purchase? Between \_\_\_\_ and \_\_\_\_ firms

III-20. **Supplier negotiations.**--Do your firm's purchases of fluid end blocks usually involve negotiations between supplier and purchaser?

<b>No</b>	<b>Yes</b>	<b>If yes, explain the factors your firm generally negotiates and note whether your firm quotes competing prices during negotiations.</b>
<input type="checkbox"/>	<input type="checkbox"/>	

III-21. **Change in suppliers.**--Has your firm changed suppliers since January 1, 2017?

No	Yes	If yes, please list the supplier(s), whether the firm was added or dropped, and the reasons for the change.
<input type="checkbox"/>	<input type="checkbox"/>	

III-22. **New suppliers.**--Are you aware of any new suppliers, either foreign or domestic, that have entered the market since January 1, 2017?

No	Yes	If yes, please identify the firms.
<input type="checkbox"/>	<input type="checkbox"/>	

III-23. **Supplier qualification.**--Do you require your suppliers to be or to become certified or qualified to sell fluid end blocks to your firm?

If yes, provide the following information.

- The number of days to qualify a new supplier.
- A general description of the certification or qualification process. Also, a brief description of the factors that you consider when qualifying a new supplier (e.g., quality of product, reliability of supplier, etc.).

No	Yes	Number of days	Process and factors
<input type="checkbox"/>	<input type="checkbox"/>		

III-24. **Failure to certify.**--Since January 1, 2017, have any domestic or foreign producers failed in their attempts to certify or qualify their fluid end blocks with your firm or have any producers lost their approved status?

No	Yes	If yes, please identify these firms, the countries where they are located, and the reasons why they failed the certification/qualification.
<input type="checkbox"/>	<input type="checkbox"/>	



III-25. **Major purchasing factors.**--Please list, in order of their importance, the main factors your firm considers in deciding from whom to purchase fluid end blocks (examples include availability, extension of credit, contracts, price, quality, range of supplier's product line, traditional supplier, etc.).

1.	
2.	
3.	
Please list any other factors that are very important in your purchase decisions: _____.	

III-26. **Purchasing factors.**--Please rate the importance of the following factors in your firm's purchasing decisions for fluid end blocks.

Factor	Very important	Somewhat important	Not important
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finishing ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III-27. **Quality characteristics.**--What characteristics does your firm consider when determining the quality of fluid end blocks?

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III-28. **Minimum quality.**--How often does fluid end blocks from the following countries meet minimum quality specifications for your uses or your customers' uses?

Source	Always	Usually	Sometimes	Rarely or never	Don't know
United States	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III-29. **Product characteristics.** --

(a) Please list the most frequent application or most common environment for the fluid end blocks your firm imports.

Product	Application/Environment

(b) What is the lifecycle for this product in this environment? \_\_\_\_\_ weeks.

III-30. **Frequency of decisions based on price.**--How often does your firm purchase the fluid end blocks that is offered at the lowest price?

Always	Usually	Sometimes	Never
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III-31. **Price leaders.**--A price leader is defined as (1) one or more firms that initiate a price change, either upward or downward, that is followed by other firms, or (2) one or more firms that have a significant impact on prices. *A price leader is not necessarily the lowest-priced supplier.*

Please list the names of any firms you considered price leaders in the fluid end blocks market since January 1, 2017.

<b>Firm(s)</b>	<b>Describe how the firm(s) exhibited price leadership</b>

**III-32. Purchasing subject imports rather than domestic products.—**

(a) Since January 2017, did your firm import and/or purchase imports of fluid end blocks from China, Germany, India, and/or Italy instead of purchasing U.S.-produced fluid end blocks? Respond for each subject country.

<b>Source</b>	<b>Yes (also respond to parts (b) and (c))</b>	<b>No (If "No" for all countries, skip to next question)</b>
China	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<input type="checkbox"/>	<input type="checkbox"/>

(b) If you responded "Yes" to part (a), was the imported product priced lower than the domestic product?

<b>Source</b>	<b>Yes</b>	<b>No</b>
China	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<input type="checkbox"/>	<input type="checkbox"/>

(c) If you responded "Yes" to part (a), was price a primary reason for importing and/or purchasing subject imports rather than domestic product?

<b>Source</b>	<b>Yes</b>	<b>If Yes, estimate the quantity of imports purchased and/or imported instead of domestic product since January 2017 (in units)</b>	<b>No</b>	<b>If No, please indicate the reason your firm imported and/or purchased imports instead of domestic product</b>
China	<input type="checkbox"/>		<input type="checkbox"/>	
Germany	<input type="checkbox"/>		<input type="checkbox"/>	
India	<input type="checkbox"/>		<input type="checkbox"/>	
Italy	<input type="checkbox"/>		<input type="checkbox"/>	

**III-33. U.S. producers and import competition.—**

- (a) Since January 1, 2017, in connection with a sale or offer to sell fluid end blocks to your firm, did U.S. producers reduce their prices of domestically produced fluid end blocks in order to compete with lower-priced imports of fluid end blocks from the subject countries? Respond for each subject country.

<b>Source</b>	<b>Yes (also respond to question part (b))</b>	<b>No (If “No” for all countries, skip to next question)</b>	<b>Don’t know</b>
China	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Germany	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
India	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Italy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) If your firm responded “yes” to any of the above countries, please provide an estimate of the reduction in U.S. producers’ prices, and any additional explanations, such as timing (e.g., months/years), frequency of price reductions, or other market/competitive factors.

<b>Source</b>	<b>Estimated reduction in U.S. prices (percent)</b>	<b>Additional explanation, including such information as timing (e.g., months/years), frequency of price reductions, or other market/competitive factors</b>
China	%	
Germany	%	
India	%	
Italy	%	

**PART IV.—PRODUCT COMPARISONS**

IV-1. **Interchangeability.**--Are fluid end blocks produced in the United States and in other countries interchangeable (i.e., can they physically be used in the same applications)?

Please indicate A, F, S, N, or O in the table below:

A = the products from a specified country-pair are *always* interchangeable

F = the products are *frequently* interchangeable

S = the products are *sometimes* interchangeable

N = the products are *never* interchangeable

O = *no familiarity* with products from a specified country-pair

<b>Country-pair</b>	China	Germany	India	Italy	Other countries
United States					
China	X				
Germany	X	X			
India	X	X	X		
Italy	X	X	X	X	
For any country-pair producing fluid end blocks which is <i>sometimes</i> or <i>never</i> interchangeable, please identify the country-pair and explain the factors that limit or preclude interchangeable use:					

IV-2. **Factors other than price.**--Are differences other than price (e.g., quality, availability, transportation network, product range, technical support, etc.) between fluid end blocks produced in the United States and in other countries a significant factor in your firm's purchases of the products?

Please indicate A, F, S, N, or O in the table below:

- A = such differences are *always* significant
- F = such differences are *frequently* significant
- S = such differences are *sometimes* significant
- N = such differences are *never* significant
- O = *no familiarity* with products from a specified country-pair

Country-pair	China	Germany	India	Italy	Other countries
United States					
China	X				
Germany	X	X			
India	X	X	X		
Italy	X	X	X	X	
<p>For any country-pair for which factors other than price <i>always</i> or <i>frequently</i> are a significant factor in your firm's purchases of fluid end blocks, identify the country-pair and report the advantages or disadvantages imparted by such factors:</p>					

IV-3. **Factor country comparisons.**--For the factors listed below, please rate how fluid end blocks produced in each country you identified in your response to the first question in Part IV compares with fluid end blocks produced in each of the other countries you identified.

***If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.***

Factor	Product from <u>United States</u> compared to product from <u>China</u>			Product from <u>United States</u> compared to product from <u>Germany</u>			Product from <u>United States</u> compared to product from <u>India</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finishing ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> A rating of superior on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.



IV-3. **Continued.**

***If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.***

Factor	Product from <u>United States</u> compared to product from <u>Italy</u>			Product from <u>United States</u> compared to product from <u>Nonsubject countries</u>			Product from <u>China</u> compared to product from <u>Germany</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finishing ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steel type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> A rating of superior on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.

IV-3. **Continued.**

***If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.***

Factor	Product from <u>China</u> compared to product from <u>India</u>			Product from <u>China</u> compared to product from <u>Italy</u>			Product from <u>China</u> compared to product from <u>Nonsubject countries</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> A rating of superior on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.

IV-3. **Continued.**

***If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.***

Factor	Product from <u>Germany</u> compared to product from <u>India</u>			Product from <u>Germany</u> compared to product from <u>Italy</u>			Product from <u>Germany</u> compared to product from <u>Nonsubject countries</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> A rating of superior on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.

IV-3. **Continued.**

***If you are unfamiliar with the product from a particular country, please leave the boxes for those country comparisons blank.***

Factor	Product from <u>India</u> compared to product from <u>Italy</u>			Product from <u>India</u> compared to product from <u>Nonsubject countries</u>			Product from <u>Italy</u> compared to product from <u>Nonsubject countries</u>		
	Superior	Comparable	Inferior	Superior	Comparable	Inferior	Superior	Comparable	Inferior
Availability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delivery time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discounts offered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum quantity requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Packaging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Price <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product consistency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality meets industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality exceeds industry standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability of supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical support/service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. transportation costs <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup> A rating of superior on price and U.S. transportation costs indicates that the first country generally has lower prices/U.S. transportation costs than the second country.

**PART V.—ADDITIONAL INFORMATION**

- V-1. **Other explanations.**--If your firm would like to further explain a response to any question that for which a narrative response box was not provided, please note the question number and the explanation in the space provided below.

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- V-2. **OMB statistics.**--Please report the actual number of hours required and the cost to your firm of completing this questionnaire.

Hours	Dollars

The questions in this questionnaire have been reviewed with market participants to ensure that issues of concern are adequately addressed and that data requests are sufficient, meaningful, and as limited as possible. Public reporting burden for this questionnaire is estimated to average 25 hours per response, including the time for reviewing instructions, gathering data, and completing and reviewing the questionnaire.

We welcome comments regarding the accuracy of this burden estimate, suggestions for reducing the burden, and any suggestions for improving this questionnaire. Please attach such comments to your response or send to the Office of Investigations, USITC, 500 E St. SW, Washington, DC 20436.

## HOW TO FILE YOUR QUESTIONNAIRE RESPONSE

This questionnaire is available as a “fillable” form in MS Word format on the Commission’s website at:

[https://usitc.gov/investigations/701731/2020/fluid\\_end\\_blocks\\_china\\_germany\\_india\\_and\\_italy/final.htm](https://usitc.gov/investigations/701731/2020/fluid_end_blocks_china_germany_india_and_italy/final.htm)

***Please do not attempt to modify the format or permissions of the questionnaire document.*** Please submit the completed questionnaire using one of the methods noted below. If your firm is unable to complete the MS Word questionnaire or cannot use one of the electronic methods of submission, please contact the Commission for further instructions.

- **Upload via Secure Drop Box.**—Upload the MS Word questionnaire along with a scanned copy of the signed certification page (page 1) through the Commission’s secure upload facility:

**Web address:** <https://dropbox.usitc.gov/oinv/>      **Pin:** FEBS

- **E-mail.**—E-mail the MS Word questionnaire to Pamela.Davis@usitc.gov; include a scanned copy of the signed certification page (page 1). *Submitters are strongly encouraged to encrypt nonpublic documents that are electronically transmitted to the Commission to protect your sensitive information from unauthorized disclosure. The USITC secure drop-box system and the Electronic Document Information System (EDIS) use Federal Information Processing Standards (FIPS) 140-2 cryptographic algorithms to encrypt data in transit. Submitting your nonpublic documents by a means that does not use these encryption algorithms (such as by email) may subject your firm’s nonpublic information to unauthorized disclosure during transmission. If you choose a non-encrypted method of electronic transmission, the Commission warns you that the risk of such possible unauthorized disclosure is assumed by you and not by the Commission.*

**If your firm does not purchase this product,** please fill out page 1, print, sign, and submit a scanned copy to the Commission.

***Parties to this proceeding.***—If your firm is a party to this proceeding, it is required to serve a copy of the completed questionnaire on parties to the proceeding that are subject to administrative protective order (see 19 CFR § 207.7). A list of such parties may be obtained from the Commission’s Secretary (202-205-1803). A certificate of service must accompany the completed questionnaire your firm submits (see 19 CFR § 207.7). Service of the questionnaire must be made in paper form.