
FOREIGN PRODUCERS'/EXPORTERS' QUESTIONNAIRE

HYDROFLUOROCARBON BLENDS AND COMPONENTS FROM CHINA

This questionnaire must be received by the Commission by Thursday, April 28, 2016.

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 antidumping investigation concerning hydrofluorocarbon blends and components from China (inv. No. 731-TA-1279 (Final)). The information requested in the questionnaire is requested under the authority of the Tariff Act of 1930, title VII.

<p>Name of firm _____</p> <p>Address _____</p> <p>Website _____</p> <p>Has your firm produced or exported HFC blends and/or HFC components (as defined on next page) at any time since January 1, 2013?</p> <p><input type="checkbox"/> NO (Sign the certification below and promptly return only this page of the questionnaire to the Commission)</p> <p><input type="checkbox"/> YES (Complete all parts of the questionnaire, and return the entire questionnaire to the Commission)</p> <p>Return questionnaire via the Commission Drop Box by clicking on the following link: https://dropbox.usitc.gov/oinv/. (PIN: 1279)</p>
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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 means of 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 acknowledge that information submitted in this questionnaire response and throughout this proceeding may be used by the Commission, its employees, and contract personnel who are acting in the capacity of Commission employees, for developing or maintaining the records of this proceeding or related proceedings for which this information is submitted, or in internal audits and proceedings relating to the programs and operations of the Commission pursuant to 5 U.S.C. Appendix 3. I understand that all contract personnel will sign non-disclosure agreements.

Name of Authorized Official	Title of Authorized Official	Date
Signature	Phone: _____	Email address
	Fax: _____	

PART I.—GENERAL INFORMATION

Background.--This proceeding was instituted in response to a petition filed on June 25, 2015, by The American HFC Coalition and its members (Amtrol, Inc., West Warwick, Rhode Island; Arkema, Inc., King of Prussia, Pennsylvania; The Chemours Company FC LLC, Wilmington, Delaware; Honeywell International Inc., Morristown, New Jersey; Hudson Technologies, Pearl River, New York; Mexichem Fluor Inc., St. Gabriel, Louisiana; Worthington Industries, Inc., Columbus, Ohio) and District Lodge 154 of the International Association of Machinists and Aerospace Workers. Antidumping duties may be assessed on the subject imports as a result of this proceeding if the Commission makes an affirmative determination of injury, threat, or material retardation, and if the U.S. Department of Commerce makes an affirmative determination of dumping. Questionnaires and other information pertinent to this proceeding are available at http://www.usitc.gov/investigations/title_7/2016/hydrofluorocarbon_blends_and_components_china/final.htm.

Certain hydrofluorocarbon blends and components: The products covered by these investigations are: blended hydrofluorocarbons (“HFCs”) and single HFC components of those blends thereof, whether or not imported for blending, including the following:

HFC components covered by the scope of this investigation:

(1) R-32 or “Difluoromethane” has the chemical formula CH_2F_2 , and is registered as CAS No. 75-10-5. It may also be known HFC-32, FC-32, Freon-32, Methylene difluoride, Methylene fluoride, Carbon fluoride hydride, halocarbon R32, fluorocarbon R32, and UN 3252.

R-32 is sold under various trade names, including Solkane[®]32, Forane[®]32, and Klea[®]32.

(2) R-125 or “1,1,1,2,2-Pentafluoroethane” has the chemical formula CF_3CHF_2 and is registered as CAS No. 354-33-6. R-125 may also be known as HFC-125, Pentafluoroethane, Freon 125, and Fc-125.

R-125 is sold under various trade names, including Solkane[®]125, Klea[®]125, Genetron[®]125, and Forane[®]125.

(3) R-143a or “1,1,1-Trifluoroethane” has the chemical formula CF_3CH_3 and is registered as CAS No. 420-46-2. R-143a may also be known as HFC-143a, Methylfluoroform, 1,1,1-Trifluoroform, and UN2035.

R-143a is sold under various trade names, including Solkane[®]143a, Genetron[®]143a, and Forane[®]125.

HFC blends covered by the scope of this investigation:

(1) R-404A: a zeotropic mixture consisting of 52 percent R-143a, 44 percent by weight R-125, and 4 percent 1,1,1,2-Tetrafluoroethane (“R-134a”).

R-404A is sold under various trade names, including Forane[®] 404A, Genetron[®] 404A, Solkane[®] 404A, Klea[®] 404A, and Suva[®]404A.

(2) R-407A: a zeotropic mixture of 20 percent R-32, 40 percent R-125, and 40 percent R-134a.

R-407A is sold under various trade names, including Forane[®] 407A, Solkane[®] 407A, Klea[®]407A, and Suva[®]407A.

(3) R-407C: a zeotropic mixture of 23 percent R-32, 25 percent R-125, and 52 percent R-134a.

R-407C is sold under various trade names, including Forane[®] 407C, Genetron[®] 407C, Solkane[®] 407C, Klea[®] 407C and Suva[®] 407C.

(4) R-410A: a zeotropic mixture of 50 percent R-32 and 50 percent R-125.

R-410A is sold under various trade names, including EcoFluor R410, Forane[®] 410A, Genetron[®] R410A and AZ-20, Solkane[®] 410A, Klea[®] 410A, Suva[®] 410A, and Puron[®].

(5) R-507A: an azeotropic mixture of 50 percent R-125 and 50 percent R-143a also known as R-507.

R-507A is sold under various trade names, including Forane[®] 507, Solkane[®] 507, Klea[®]507, Genetron[®]AZ-50, and Suva[®]507.

The foregoing percentages are nominal percentages by weight. Actual percentages of single component refrigerants by weight may vary by plus or minus two percent points from the nominal percentage identified above.

Products excluded from the scope of this investigation:

Excluded from this investigation are:

(1) Blends of refrigerant chemicals that include products other than HFCs, such as blends including chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs).

(2) Patented HFC blends, such as ISCEON[®] blends, including MO99[™] (RR-438A), MO79 (R-422A), MO59 (R-417A), MO49Plus[™] (R-437A) and MO29[™] (R-422D), and Genetron[®] Performax[™] LT (R-407F), Choice[®] R-421A, and Choice[®] R-421B.

(3) HFC component R-134a.

HFC blends included in the scope of this investigation are currently classified in the Harmonized Tariff Schedule of the United States (“HTS”) in subheadings 3824.78.0020 and 3824.78.0050.¹ Single component HFCs included in the scope of this investigation are currently classified at subheading 2903.39.2035.² Although the HTSUS subheading and CAS registry number are provided for convenience and customs purposes, the written description of the scope is dispositive.

Practical terminology for products in this questionnaire

Components

- **In-scope HFC components** = three (3) components, R-32, R-125, and R-143a.
- **Out-of-scope HFC component** = one (1) component, R-134a.³
- **HFC components** = four (4) components, R-32, R-125, R-143a, and R-134a.

Blends

- **In-scope HFC blends** = five (5) blends, R-404A, R-407A, R-407C, R-410A, and R-507A.
- **Out-of-scope refrigerant blends** = any blend that uses at least one in-scope HFC component and is not part of the 5 "in-scope HFC blends" listed above. These include all other refrigerant blends, including HFC, HCFC, and HFO blends. This includes proprietary and patented refrigerant blends. See question V-5 for a list of various out-of-scope refrigerant blends.

Producer--If your firm produces HFC components R-32, R-125, R-143a, and R-134a, HFC blends R-404A, R-407A, R-407C, R-410A, and R-507A, you are considered a “producer” in this investigation.

Repackers--If your firm has both blending and repacking operations, please report your blending operations only.

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, purchaser and/or foreign producer 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.

¹ Prior to 2016, HFC blends were classified in HTS subheading 3824.78.0000.

² Prior to 2016, single component HFCs were classified in HTS subheading 2903.39.2030.

³ With the exception of questions in sections II-4a and II-4 on your firm’s ability to shift from in-scope to out-of-scope components and blends, discussion and data for out-of-scope HFC component refer only to R-134a.

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.

I-1. **OMB statistics.**--Please report below 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 20 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.

I-2. **Establishments covered.**--Provide the name and address of establishment(s) covered by this questionnaire. If your firm is publicly traded, please specify the stock exchange and trading symbol.

“Establishment”--Each facility of a firm in China involved in the production or export of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A), including auxiliary facilities operated in conjunction with (whether or not physically separate from) such facilities. Firms operating more than one establishment in China should combine the data for all establishments into a single report.

I-3. **Related U.S. producers.**--Does your firm or any related firm produce, have the capability to produce, or have any plans to produce in-scope HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in the United States or other countries?

No Yes--Please name the firm(s) and country(ies) below and, if U.S. producer(s), ensure that they complete the Commission's producer questionnaire.

I-4. **Related U.S. importers.**--Does your firm or any related firm import or have any plans to import HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) into the United States?

No Yes--Please name the firm(s) below and ensure that they complete the Commission's importer questionnaire.

I-5. **U.S. importers.**--Please provide the names, street addresses (not P.O. boxes), contacts, telephone numbers, and e-mail addresses of the **FIVE** largest U.S. importers of your firm's in-scope HFC blends and/or in-scope HFC components (R-32, R-125, and R-143a) in 2015.

Importer's name	Contact person	Email	Telephone	Street address (not P.O. box), city, state, and zip code	Share of your firm's 2015 U.S. exports of in-scope HFC components (%)	Share of your firm's 2015 U.S. exports of in-scope HFC blends (%)
1				Street Address , City State Zip Code		
2				Street Address , City State Zip Code		
3				Street Address , City State Zip Code		
4				Street Address , City State Zip Code		
5				Street Address , City State Zip Code		

I-6. **In-scope HFC blends under previous patent protection.--**

Patent ownership/expiration.--Prior to the patent expiration of any in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in 2010 and 2011, did your firm produce any in-scope HFC blends while they were under patent?

No Yes--please provide details in the table below.

HFC blend	Owned patent in the United States?	Production under licensing agreement?	Patent expiration date
R-404A	<input type="checkbox"/>		
R-407A	<input type="checkbox"/>		
R-407C	<input type="checkbox"/>		
R-410A	<input type="checkbox"/>		
R-507A	<input type="checkbox"/>		

Please provide the details of your firm's purchases/sales of licensing rights to produce or sell the in-scope HFC blends above while they were under patent, including restrictions on the volume of production/sales allowed under the licensing agreement(s):

PART II.--TRADE AND RELATED INFORMATION

Further information on this part of the questionnaire can be obtained from Joanna Lo (202-205-1888, joanna.lo@usitc.gov). **Supply all data requested on a calendar-year basis.**

II-1. **Contact information.**--Please identify the responsible individual and the manner by which Commission staff may contact that individual regarding the confidential information submitted in part II.

Name	
Title	
Email	
Telephone	
Fax	

II-2. **Changes in operations.**--Please indicate whether your firm has experienced any of the following changes in relation to the production of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) January 1, 2013.

<i>(check as many as appropriate)</i>		<i>(please describe)</i>
<input type="checkbox"/>	plant openings	
<input type="checkbox"/>	plant closings	
<input type="checkbox"/>	relocations	
<input type="checkbox"/>	expansions	
<input type="checkbox"/>	acquisitions	
<input type="checkbox"/>	consolidations	
<input type="checkbox"/>	prolonged shutdowns or production curtailments	
<input type="checkbox"/>	revised labor agreements	
<input type="checkbox"/>	other (e.g., technology)	

II-3. **Anticipated changes in operations.**--Does your firm anticipate any changes in the character of its operations or organization (as noted above) relating to the production of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in the future?

No

Yes--Supply details as to the time, nature, and significance of such changes and provide underlying assumptions, along with relevant portions of business plans or other supporting documentation that address this issue. **Include in the response a specific projection of your firm's capacity to produce HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) (in short tons) for 2015 and 2016.**

II-4a. **Overall capacity and production.**-- Please report your firm's production of all types of HFC components and/or all types of refrigerant blends made on the same equipment and machinery used to produce HFC components and in-scope HFC blends, and the combined production capacity on this shared equipment and machinery in the periods indicated.

"Overall production capacity" or "capacity"--The level of production that your establishment(s) could reasonably have expected to attain during the specified periods. Assume normal operating conditions (i.e., using equipment and machinery in place and ready to operate; normal operating levels (hours per week/weeks per year) and time for downtime, maintenance, repair, and cleanup).

"Production"--All production in your U.S. establishment(s), including production consumed internally within your firm and production for another firm under a toll agreement.

"In-scope HFC components"--three (3) components, R-32, R-125, R-143a.

"In-scope HFC blends"--five (5) blends, R-404A, R-407A, R-407C, R-410A, and R-507A.

"Other products"--any product in addition to HFC components and/or in-scope HFC blends made using the same machinery and equipment. These may include patented and proprietry HFC blends, CFC, HCFC, or HFO blends as well as other blends.

Quantity (in short tons)			
Item	Calendar years		
	2013	2014	2015
Machinery and equipment used to produce <u>HFC components</u>:			
Overall production capacity			
Production of:			
In-scope HFC components ¹	0	0	0
Out-of-scope R-134a ²			
Other products ³			
Total	0	0	0
Machinery and equipment used to produce <u>HFC blends</u>:			
Overall production capacity			
Production of:			
In-scope HFC blends ⁴	0	0	0
Other products (such as out-of-scope refrigerant blends) ⁵			
Total	0	0	0
¹ Data entered for HFC component production will populate here once reported in question II-7a. ² Data entered for HFC component production will populate here once reported in question II-7b. ³ Please describe these products: _____. ⁴ Data entered for production will populate here once reported in question II-7c. ⁵ Please describe these products: _____.			

II-4b. **Operating parameters.**--The overall production capacity reported in II-4a is based on operating _____ hours per week, _____ weeks per year.

II-4c. **Capacity calculation.**--Please describe the methodology used to calculate overall production capacity reported in II-4a, and explain any changes in reported capacity.

II-4d. **Production constraints.**--Please describe the constraint(s) that set the limit(s) on your firm's overall production capacity.

II-4e. **Product shifting between components.**--Is your firm able to produce more than one individual HFC component (R-32, R-125, R-143a, and R-134a) using the same equipment and/or labor?

- No Yes-- Please describe the factors that affect your firm's ability to shift production among the above four HFC components (e.g., time, cost, relative price change, etc.), and the degree to which these factors enhance or constrain such shifts.

II-4h. **Product shifting from components to other products.**--Is your firm able to switch production from HFC components (R-32, R-125, R-143a, and R-134a) to other products using the same equipment and/or labor?

- No Yes-- (i.e., have produced other products or are able to produce other products). Please identify other actual or potential products: _____.

Please describe the factors that affect your firm's ability to shift production from HFC components (R-32, R-125, R-143a, and R-134a) to other products (e.g., time, cost, relative price change, etc.), and the degree to which these factors enhance or constrain such shifts.

II-4i. **Product shifting between in-scope blends.**--Is your firm able to produce more than one in-scope HFC blend using the same equipment and/or labor?

- No Yes-- (i.e., have produced different HFC blends using the same equipment and/or labor).

Please describe the factors that affect your firm's ability to shift production among HFC blends (e.g., time, cost, relative price change, etc.), and the degree to which these factors enhance or constrain such shifts.

II-4j. **Product shifting from in-scope HFC blends to other products.**--Is your firm able to switch production among the five in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) and other products using the same equipment and/or labor?

- No Yes-- (i.e., have produced other products or are able to produce other products). Please identify other actual or potential products: _____.

Please describe the factors that affect your firm's ability to shift production between products (e.g., time, cost, relative price change, etc.), and the degree to which these factors enhance or constrain such shifts.

II-5. **Inventories in the United States.**--Has your firm, since 2013, maintained any inventories of HFC components (R-32, R-125, R-143a, and R-134a) and/or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in the United States (not including inventories held by firms identified in question I-3)?

"Inventories"--Finished goods inventory, not raw materials or work in progress.

- No Yes--Report the quantity of such end-of-period inventories below.

Quantity (in short tons)			
Inventory	Calendar year		
	2013	2014	2015
R-32, R-125, & R-143a (in-scope HFC components)			
R-134a (out-of-scope)			
R-404A, R-407A, R-407C, R-410A, & R-507A (in-scope HFC blends)			

II-6. **Third country trade actions.**--Are HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) exported by your firm subject to antidumping/countervailing duty/safeguard findings, remedies, or proceedings?

- No Yes--List the product(s), countries affected, and the date of such findings/remedies/proceedings.

II-7. **Trade data for your firm's own production only.**--Report your firm's production capacity, production, shipments, and inventories related to the production of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in your establishment(s) in China during the specified periods. Do not include resales or shipments of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) that your firm did not produce. Resales that are exported to the United States should be reported in question II-8.

Do not submit data by manufacturing facility if they are in the same country. If your firm has multiple manufacturing establishments within one country, you are required to combine data for those establishments within one foreign producer questionnaire response.

"Shipments"--Shipments of HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) produced in your establishment(s) in China. Quantities reported should be net of returns.

"Home market commercial shipments"--Shipments, other than internal consumption and transfers to related firms, within China.

"Home market internal consumption/transfers to related firms"--Shipments made to related firms in China, including HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) consumed internally by your firm.

"Export shipments"--Shipments to destinations outside China, including shipments to related firms.

"Inventories"--Finished goods inventory, not raw materials or work-in-progress.

Note: As requested in Part I of this questionnaire, please keep all supporting documents/records used in the preparation of the trade data, as Commission staff may contact your firm regarding questions on the trade data. The Commission may also request that your company submit copies of the supporting documents/records (such as production and sales schedules, inventory records, etc.) used to compile these data.

II-7. **Trade data for your firm's own production only.**--Continued.

- (a) **Operations on in-scope HFC components R-32, R-125, & R-143a.**--Report your firm's production capacity, production, shipments, and inventories related to the production of in-scope HFC components R-32, R-125, & R-143a in your establishment(s) in China during the specified periods. Do not include resales.

**In-scope HFC components:
R-32, R-125, & R-143a**

Quantity (in short tons)					
Item	Actual experience			Projections ¹	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
Average production capacity ² (A)					
Beginning-of-period inventories (B)					
Production (C)					
Home market shipments:					
Internal consumption to produce in-scope HFC components (D)					
Internal consumption other than to produce in-scope HFC blends / transfers to related firms (E)					
Commercial shipments (F)					
Exports to the United States (G)					
Exports to all other markets ³ (H)					
Total exports (I) (should equal G+H)	0	0	0	0	0
Total shipments (J) (should equal D+E+F+G + H)	0	0	0	0	0
End-of-period inventories (K)					
<p>¹ Please explain the basis for your firm's projections. _____.</p> <p>² The production capacity reported is based on operating _____ hours per week, _____ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity. _____.</p> <p>³ Identify principal other export markets. _____.</p>					

II-7. **Trade data for your firm's own production only**--Continued.

RECONCILIATION OF SHIPMENTS, PRODUCTION, AND INVENTORY.--Generally, the data reported for the end-of-period inventories (i.e., line K) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), less total shipments (i.e., lines D, E, F, G, and H). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for any differences (e.g., theft, loss, damage, record systems issues, etc.) if they exist.

Item	Actual experience			Projections	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
B + C – D – E – F – G – H – K = should equal zero ("0") or provide an explanation. ¹	0	0	0	0	0

II-7. **Trade data for your firm's own production only.**--Continued.

- (b) **Operations on out-of-scope HFC component R-134a.**--Report your firm's production capacity, production, shipments, and inventories related to the production of out-of-scope HFC component R-134a in your establishment(s) in China during the specified periods. *Do not include resales.*

Out-of-scope HFC component: R-134a

Quantity (in short tons)					
Item	Actual experience			Projections ¹	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
Average production capacity ² (A)					
Beginning-of-period inventories (B)					
Production (C)					
Home market shipments:					
Internal consumption to produce in-scope HFC components (D)					
Internal consumption other than to produce in-scope HFC blends / transfers to related firms (E)					
Commercial shipments (F)					
Exports to the United States (G)					
Exports to all other markets ³ (H)					
Total exports (I) <i>(should equal G+H)</i>	0	0	0	0	0
Total shipments (J) <i>(should equal D+E+F+G + H)</i>	0	0	0	0	0
End-of-period inventories (K)					
¹ Please explain the basis for your firm's projections. _____. ² The production capacity reported is based on operating _____ hours per week, _____ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity. _____. ³ Identify principal other export markets. _____.					

II-7. **Trade data for your firm's own production only.**--Continued.

RECONCILIATION OF SHIPMENTS, PRODUCTION, AND INVENTORY.--Generally, the data reported for the end-of-period inventories (i.e., line K) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), less total shipments (i.e., lines D, E, F, G, and H). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for any differences (e.g., theft, loss, damage, record systems issues, etc.) if they exist.

Item	Actual experience			Projections	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
B + C – D – E – F – G – H – K = should equal zero ("0") or provide an explanation. ¹	0	0	0	0	0

II-7. **Trade data for your firm's own production only.**--Continued.

- (c) **Operations on in-scope HFC blends R-404A, R-407A, R-407C, R-410A, and R-507A.**
 Report your firm's production, capacity, production, shipments, and inventories related to the production of HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) in your establishment(s) in China during the specified periods. Please aggregate the data for all 5 in-scope HFC blends in the table below. *Do not include resales.*

**In-scope HFC blends:
R-404A, R-407A, R-407C, R-410A, & R-507A**

Quantity (in short tons)					
Item	Actual experience			Projections ¹	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
Average production capacity ² (A)					
Beginning-of-period inventories (B)					
Production (C)					
Home market shipments: Internal consumption to produce in-scope HFC components (D)					
Internal consumption other than to produce in-scope HFC blends / transfers to related firms (E)					
Commercial shipments (F)					
Exports to the United States (G)					
Exports to all other markets ³ (H)					
Total exports (I) (should equal G+H)	0	0	0	0	0
Total shipments (J) (should equal D+E+F+G + H)	0	0	0	0	0
End-of-period inventories (K)					
¹ Please explain the basis for your firm's projections. _____. ² The production capacity reported is based on operating _____ hours per week, _____ weeks per year. Please describe the methodology used to calculate production capacity, and explain any changes in reported capacity. _____. ³ Identify principal other export markets. _____.					

II-7. Trade data for your firm's own production only.--Continued.

RECONCILIATION OF SHIPMENTS, PRODUCTION, AND INVENTORY.--Generally, the data reported for the end-of-period inventories (i.e., line K) should be equal to the beginning-of-period inventories (i.e., line B), plus production (i.e., line C), less total shipments (i.e., lines D, E, F, G, and H). Please ensure that any differences are not due to data entry errors in completing this form, but rather actually reflect your firm's records; and also provide any likely explanations for any differences (e.g., theft, loss, damage, record systems issues, etc.) if they exist.

Item	Actual experience			Projections	
	Calendar year			Calendar year	
	2013	2014	2015	2016	2017
B + C – D – E – F – G – H – K = should equal zero ("0") or provide an explanation. ¹	0	0	0	0	0

II-8. Resales exported to the United States.--Did your firm ship any HFC components (R-32, R-125, R-143a, and R-134a) or in-scope HFC blends (R-404A, R-407A, R-407C, R-410A, and R-507A) to the United States that your firm did not produce?

No Yes--Report the quantity of resales exported to the United States below.

Quantity (in short tons)			
Inventory	Calendar year		
	2013	2014	2015
Exports of R-32, R-125, & R-143a (in-scope HFC components) to the United States that your firm did not produce			
Exports of R-134a (out-of-scope HFC component) to the United States that your firm did not produce			
Exports of R-404A, R-407A, R-407C, R-410A, & R-507A (in-scope HFC blends) to the United States that your firm did not produce			

II-9. Other explanations.--If your firm would like to further explain a response to a question in Part II that did not provide a narrative box, please note the question number and the explanation in the space provided below. Please also use this space to highlight any issues your firm had in providing the data in this section, including but not limited to technical issues with the MS Word questionnaire.

HOW TO FILE YOUR QUESTIONNAIRE RESPONSE

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

http://www.usitc.gov/investigations/title_7/2016/hydrofluorocarbon_blends_and_components_china/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:** 1279

- **E-mail.**—E-mail your questionnaire to joanna.lo@usitc.gov and include a scanned copy of the signed certification page (page 1). *Please note that submitting your questionnaire by e-mail may subject your firm’s business proprietary information to transmission over an unsecure environment and to possible disclosure. If you choose this option, the Commission warns you that any risk involving possible disclosure of such information is assumed by the submitter and not by the Commission.*

If your firm did not produce or export any HFC blends or HFC components, 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, you are 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 you submit (see 19 CFR § 207.7). Service of the questionnaire must be made in paper form.