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May 11, 2018

Submitted electronically ([www.regulations.gov](http://www.regulations.gov))  
Docket ID No.: USTR-2018-2005

Ambassador Robert E. Lighthizer  
United States Trade Representative  
600 17<sup>th</sup> Street N.W.  
Washington, DC 20508

**RE: Comments from the North American Association of Food Equipment Manufacturers (NAFEM) Concerning the Proposed Determination of Action Pursuant to Section 301: China's Acts, Policies, and Practices to Technology Transfer, Intellectual Property and Innovation (83 Fed. Reg. 14,906, Apr. 6, 2018)**

**Attn: William L. Busis, Chair, Section 301 Committee**

Dear Mr. Ambassador Lighthizer:

The North American Association of Food Equipment Manufacturers (NAFEM) respectfully submits the following comments to the Office of the U.S. Trade Representative (USTR) in response to its Request for Public Comments Concerning the Proposed Determination of Action Pursuant to Section 301: China's Acts, Policies, and Practices to Technology Transfer, Intellectual Property and Innovation (83 Fed. Reg. 14,906, Apr. 6, 2018). NAFEM's comments oppose the imposition of additional tariffs on certain products related to the foodservice industry and its domestically produced equipment and supplies.

NAFEM (<https://www.nafem.org/>) is a trade association comprised of more than 550 foodservice equipment and supplies manufacturers providing products for food preparation, cooking, storage, and table service for the food-away-from-home market. Since 1948, NAFEM has represented hundreds of U.S. companies that manufacture an array of foodservice equipment, ranging from primary cooking equipment such as stoves and ovens, to storage equipment such as refrigerators, freezers, and ice machines, along with preparation equipment like heated cabinets and racks, and serving equipment including tables, cookware, flatware, and beverage trollies. In brief, NAFEM members provide everything to the commercial foodservice industry except the food.

NAFEM's members include a range of small, medium and large U.S. businesses that provide indispensable U.S. manufacturing jobs throughout the United States. More than 60% of our members are small businesses with sales of \$5 - \$10 million annually. Overall sales for the North American foodservice equipment and supplies market in 2016, the most recent numbers available, were \$11.4 billion. In turn, these businesses, their workers and the products they manufacture, support the foodservice industry, which includes corporate cafeterias, colleges

and universities, correctional facilities, hospitals and eldercare, lodging and casinos, schools, supermarkets and convenience stores, and more than one million restaurant and chain locations across the United States alone. Last year, according to the National Restaurant Association (NRA), the restaurant industry employed approximately 14.7 million workers and generated \$798 billion in sales. These businesses and their workers depend on NAFEM-member manufactured equipment and supplies to serve safe, flavorful food to consumers when and where they need it.

Since the majority of NAFEM members are small and medium-sized businesses, and many are family-owned, they are instrumental in providing vital U.S. manufacturing and distribution jobs for thousands of American families, fueling the success of the U.S. economy. NAFEM member companies also actively pursue exporting their U.S. goods outside the U.S. market. To be competitive, however, perceptive NAFEM companies know that sensible global business strategies include sourcing certain products from China and conducting certain transactions in China. Thus, the proposed increased *ad valorem* tariffs on particular products will challenge NAFEM members' manufacturing processes, raise costs for producers and consumers, and lower the availability of complete, domestically manufactured equipment.

NAFEM members are directly impacted by certain products being targeted with proposed increased tariffs, many of which are parts and components used by U.S. foodservice equipment and supplies manufacturers. A complete list of the over 400 specific products and the corresponding Harmonized Tariff Schedule of the United States (HTSUS) Subheading targeted are provided in **Appendix A**, along with an indication of (i) whether there is a U.S. source for the product, (ii) whether alternative suppliers exist, and (iii) whether supply adjustments would take a year or more. Appendix A organizes the products into three (3) categories: (a) Materials, parts, and components used to manufacture commercial foodservice equipment and supplies domestically; (b) Equipment and tools used in the manufacturing process; and (c) Finished commercial foodservice equipment. This organization reveals that the clear majority of products listed in Appendix A are material inputs, tools, and equipment U.S. manufacturers use to produce commercial foodservice equipment and supplies domestically. Raising the cost of inputs for U.S. domestic producers is clearly contrary to the Administration's intent with this Section 301 investigation, but this is the real result NAFEM members will unfortunately experience if the proposed additional tariffs are imposed.

More specifically, NAFEM members are concerned with increased tariffs on particular components, such as certain tubes, pipes, various steel and aluminum parts, boilers, as well as certain products, including bakery ovens, refrigerating and freezing equipment, cooking stoves and ranges, machines for making hot drinks, storage water heaters, water purifying and filter apparatus, packing and wrapping equipment, dairy and juice machines, and various machinery for food preparations. Furthermore, these listed items typically do not contain technology harming U.S. intellectual property rights, innovation, or technology development, undermining the intent of the Administration's Section 301 actions. To the contrary, smart, economically competitive sourcing by NAFEM members from China for certain products allow these U.S. companies to control costs and protect, and even expand, U.S. jobs nationwide.

Therefore, in the event that the United States applies significant increased tariffs on certain products listed in Appendix A pursuant to the Section 301 proposal, NAFEM's concerns are twofold: NAFEM members expect to lose good-paying U.S. manufacturing jobs directly, followed by a potentially negative business impact on our customers, which include thousands of restaurants, convenience stores, and hotels around the world. Unfortunately, the adverse trade and economic effects of targeting these products will not be isolated to NAFEM members alone.

Such adverse market effects also are anticipated by many of the component suppliers to NAFEM manufacturing companies, given that numerous parts, components, electronics, and other essential controls are frequently sourced from Chinese suppliers. NAFEM companies' supply-chain adjustments, therefore, will require several months of diligence, establishing reliable relationship, sourcing shifts, and perhaps even production relocations. Therefore, a transition time is needed for U.S. manufacturers in the foodservices industry to properly strategize and fully implement U.S. market corrections as a consequence of the imminently increasing tariffs. These business changes cannot occur overnight, despite the immediate application of the increased tariffs.

Consequently, NAFEM members prefer and respectfully request to have the particular products listed on Appendix A removed from the proposed Section 301 list. The failure to do so will increase U.S. production costs, jeopardize manufacturing jobs throughout the U.S. and will negatively impact NAFEM's members and its foodservice industry customers nationwide.

Alternatively, if the request to remove these products from the proposal is denied, NAFEM respectfully requests a transition time to implement the tariffs for U.S. manufacturing companies to properly adjust their global sourcing strategies before the United States fully implements the Section 301 proposal.

NAFEM appreciates USTR's consideration of these comments. Please do not hesitate to contact us, if you have any questions regarding the comments.

Respectfully submitted,



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Enclosure: Appendix A – List of NAFEM's Concerned Products by HTS Subheading

**Appendix A**

**NAFEM's List of Concerned Products by HTSUS Subject to Proposed Section 301 Actions**

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
		<b>Materials, Parts, and Components Used to Manufacture Commercial Foodservice Equipment &amp; Supplies</b>	
1.	40091200	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, not reinforced or combined w/other materials, with fittings	✓ [1]
2.	40094200	Tubes, pipes and hoses of vulcanized rubber other than hard rubber, reinforced or combined with other materials nesoi, with fittings	✓
3.	40101100	Conveyor belts or belting of vulcanized rubber reinforced only with metal	✓
4.	72071100	Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, w/rect. Cross sect.(incl. sq.), w/width less than twice thickness	✓
5.	72071200	Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, w/rect. Cross sect. (exclud. sq.), nesoi	✓
6.	72071900	Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, o/than w/rect. cross section	✓
7.	72072000	Iron or nonalloy steel semifinished products, w/0.25% or more of carbon	✓
8.	72081015	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, w/patterns in relief, in coils, pickled, not clad/plated/coated	✓
9.	72081060	Iron/nonalloy steel,width 600mm+,hot-rolled flat-rolled product,in coil,w/pattern in relief,w/thick <4.75mm,not pickld,not clad/plated/coatd	✓
10.	72082530	Nonalloy hi-strength steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.75mm+, pickled, not clad/plated/coated	✓
11.	72082560	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.7mm or more, pickled, not clad/plated/coated	✓
12.	72082600	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 3mm or mor but less 4.75mm, pickled, not clad/plated	✓
13.	72082700	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick less than 3mm, pickled, not clad/plated/coated	✓
14.	72083600	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick o/10mm, not pickled/clad/plated/coated	✓
15.	72083700	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.75mm or more & n/o 10mm, not pickled/clad/plated	✓
16.	72083800	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 3mm or more & less 4.75mm, not pickld/clad/plated	✓
17.	72083900	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick less than 3mm, not pickled/clad/plated/coated	✓
18.	72084030	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, w/pattern in relief,not coils,w/thick 4.75 or more, n/clad/plated/coated	✓
19.	72085100	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick o/10mm, not clad/plated/coated	✓
20.	72085200	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick 4.75mm+ but n/o 10mm, not clad/plated/	✓
21.	72085300	Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick 3mm+ but < 4.75mm, not clad/plated/coated	✓
22.	72091825	Nonalloy steel(blackplate), width 600mm+, cold-rolled flat-rolled products, in coils, w/thick less than 0.361mm, not clad/plated/coated	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
23.	72091860	Iron/nonalloy steel, width 600mm+, cold-rolled flat-rolled products, in coils, w/thick 0.361mm+ but less 5mm, not clad/plated/coated	✓
24.	72101100	Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with tin, w/thick. 0.5 mm or more	✓
25.	72102000	Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with lead, including terneplate	✓
26.	72106100	Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with aluminum-zinc alloys	✓
27.	72106900	Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with aluminum o/than aluminum-zinc alloy	✓
28.	72107030	Iron/nonalloy steel, width 600mm+, flat-rolled products, painted/varnished or coated w/plastic but not plated/coated or clad w/metal	✓
29.	72111300	Iron/nonalloy steel, width less th/600mm, hot-rolled flat-rolled universal mill plate, not clad/plated/coated	✓
30.	72111400	Iron/nonalloy steel, width less th/600mm, hot-rolled flat-rolled products, nesoi, w/thick of 4.75mm or more, not clad/plated/coated	✓
31.	72111920	Iron/nonalloy steel, nesoi, width less th/300mm, hot-rolled flat-rolled products, w/thick o/1.25 mm but n/o 4.75 mm, n/clad/plated/coated	✓
32.	72111930	Iron/nonalloy steel, nesoi, width less th/300mm, hot-rolled flat-rolled products, w/thick 1.25mm or less, not clad/plated/coated	✓
33.	72111975	Iron/nonalloy steel, nesoi, width 300mm+ but less th/600mm, hot-rolled flat-rolled products, not pickled, not clad/plated/coated	✓
34.	72112315	Nonalloy hi-strength steel, width less th/300mm, cold-rolled flat-rolled, <0.25% carbon, w/thick o/1.25mm, not clad/plated/coated	✓
35.	72112330	Iron/nonalloy steel, nesoi, width less th/300mm, cold-rolled flat-rolled, <0.25% carbon, w/thick o/0.25mm n/o 1.25mm, not clad/plated	✓
36.	72112360	Iron/nonalloy steel, nesoi, width 300mm+ but less th/600mm, cold-rolled flat-rolled, <0.25% carbon, not clad/plated/coated	✓
37.	72112920	Iron/nonalloy steel, width less th/300mm, cold-rolled flat-rolled, w/0.25% or more carbon, w/thick o/0.25mm, not clad/plated/coated	✓
38.	72112960	Iron/nonalloy steel, width 300mm+ but less th/600mm, cold-rolled flat-rolled, w/0.25% or more carbon, not clad/plated/coated	✓
39.	72119000	Iron/nonalloy steel, width less th/600mm, flat-rolled further worked than cold-rolled, not clad, plated or coated	✓
40.	72121000	Iron/nonalloy steel, width less th/600mm, flat-rolled products, plated or coated with tin	✓
41.	72122000	Iron/nonalloy steel, width less th/600mm, flat-rolled products, electrolytically plated or coated with zinc	✓
42.	72123010	Iron/nonalloy steel, width less th/300mm, flat-rolled products, plated/coated with zinc (other than electrolytically), w/thick o/0.25mm	✓
43.	72123050	Iron/nonalloy steel, width 300+ but less th/600mm, flat-rolled products, plated or coated with zinc (other than electrolytically)	✓
44.	72124010	Iron/nonalloy steel, width less th/300mm, flat-rolled products, painted, varnished or coated w/plastic	✓
45.	72125000	Iron/nonalloy steel, width less th/600mm, flat-rolled products, plated or coated nesoi	✓
46.	72126000	Iron/nonalloy steel, width less th/600mm, flat-rolled products, clad	✓
47.	72131000	Iron/nonalloy, concrete reinforcing bars and rods in irregularly wound coils, hot-rolled	✓
48.	72139130	Iron/nonalloy steel, nesoi, hot-rolled bars & rods in irregularly wound coils, w/cir. x-sect. diam. <14mm, n/tempered/treated/partly mfd	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
49.	72139145	Iron/nonalloy steel, nesoi, hot-rolled bars & rods in irregularly wound coils, w/cir. x-sect. diam. <14mm, w/0.6%+ of carbon, nesoi	✓
50.	72139900	Iron/nonalloy steel, nesoi, hot-rolled bars & rods, w/cir. x-sect. diam 14+mm or non-circ. x-sect., in irregularly wound coils, nesoi	✓
51.	72141000	Iron/nonalloy steel, forged bars and rods, not in coils	✓
52.	72142000	Iron/nonalloy steel, concrete reinforcing bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, n/coils	✓
53.	72143000	Free-cutting steel, bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, n/coils, nesoi	✓
54.	72149100	Iron/nonalloy steel, bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, w/rectangular (o/than square) X-section	✓
55.	72151000	Free-cutting steel, bars and rods, not further worked than cold-formed or cold-finished, not in coils	✓
56.	72155000	Iron/nonalloy steel nesoi, bars and rods, not further wkd. than cold-formed or cold- finished, not in coils	✓
57.	72161000	Iron/nonalloy steel, U,I or H-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height under 80 mm	✓
58.	72163100	Iron/nonalloy steel, U-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height of 80 mm or more	✓
59.	72163200	Iron/nonalloy steel, I-sections (standard beams), not further worked than hot-rolled, hot-drawn or extruded, w/height 80 mm or more	✓
60.	72163300	Iron/nonalloy steel, H-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height 80 mm or more	✓
61.	72171070	Iron/nonalloy steel, flat wire, w/0.25% or more carbon, not plated or coated	✓
62.	72181000	Stainless steel, ingots and other primary forms	✓
63.	72189100	Stainless steel, semifinished products of rectangular (other than square) cross-section	✓
64.	72189900	Stainless steel, semifinished products, other than of rectangular (other than square) cross-section	✓
65.	72191100	Stainless steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thicknesso/10 mm	✓
66.	72191300	Stainless steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. 3 mm or more but less than 4.75 mm	✓
67.	72192100	Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thickness o/10 mm	✓
68.	72192300	Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thick. 3 mm or more but less than 4.75 mm	✓
69.	72192400	Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thickness less than 3 mm	✓
70.	72201100	Stainless steel, width less th/600mm, hot-rolled flat-rolled products, w/thickness of 4.75 mm or more	✓
71.	72201210	Stainless steel, width 300m+ but less th/600mm, hot-rolled flat-rolled products, w/thickness of less than 4.75 mm	✓
72.	72202010	Stainless steel, width 300+ but less th/600mm, cold-rolled flat-rolled products	✓
73.	72202060	Stainless steel, width less th/300mm, cold-rolled flat-rolled products, w/thickness o/1.25 mm	✓
74.	72202080	Stainless razor blade steel, width less th/300mm, cold-rolled flat-rolled, w/thickness n/o 0.25 mm	✓
75.	72202090	Stainless steel (o/than razor blade steel), width less th/300mm, cold-rolled flat-rolled products, w/thickness n/o 0.25 mm	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
76.	72221100	Stainless steel, bars and rods, hot-rolled, hot-drawn or extruded, of circular cross-section	✓
77.	72221900	Stainless steel, bars and rods, hot-rolled, hot-drawn or extruded, other than of circular cross-section	✓
78.	72222000	Stainless steel, bars and rods, not further worked than cold-formed or cold-finished, nesoi	✓
79.	72224030	Stainless steel, angles, shapes & sections, hot-rolled, not drilled/punched or otherwise advanced	✓
80.	72230090	Stainless steel, wire (other than round or flat wire)	✓
81.	72241000	Alloy (o/than stainless) steel, ingots and other primary forms	✓
82.	72249000	Alloy (o/than stainless) steel, semifinished products	✓
83.	72251900	Alloy silicon electrical steel (other than grain-oriented), width 600mm+, flat-rolled products	✓
84.	72253011	Alloy tool steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. Of 4.75 mm or more	✓
85.	72253051	Alloy tool steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. of less than 4.75 mm	✓
86.	72254070	Alloy (o/th stainless, silicon elect., hi-speed, or tool) steel, width 600mm+, hot-rolled flat-rolled prod., n/coils, w/thick less 4.75mm	✓
87.	72255070	Alloy heat-resisting steel, width 600mm+, cold-rolled flat-rolled products, w/thickness less than 4.75 mm	✓
88.	72255080	Alloy steel (o/th heat-resisting), width 600mm+, cold-rolled flat-rolled products, w/thickness less than 4.75 mm	✓
89.	72259100	Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, electrolytically plated or coated with zinc	✓
90.	72259200	Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, plated or coated with zinc (o/than electrolytically)	✓
91.	72259900	Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, nesoi	✓
92.	72261110	Alloy silicon electrical steel (grain-oriented), width 300mm+ but less th/600mm, flat-rolled products	✓
93.	72261190	Alloy silicon electrical steel (grain-oriented), width less th/300mm, flat-rolled products	✓
94.	72261910	Alloy silicon electrical steel (o/than grain-oriented), width 300mm+ but less th/600mm, flat-rolled products	✓
95.	72261990	Alloy silicon electrical steel (o/than grain-oriented), width less th/300mm, flat-rolled products	✓
96.	72269115	Alloy tool steel (o/than hi-speed/chipper knife), width 300mm+ but less th/600mm, hot-rolled flat-rolled products	✓
97.	72269150	Alloy steel (o/than silicon elect./tool), width less th/600mm, hot-rolled flat-rolled products, w/thickness of 4.75 mm or more	✓
98.	72269210	Alloy tool steel (o/than hi-speed), width 300mm+ but less th/600mm, cold-rolled flat-rolled products	✓
99.	72269230	Alloy tool steel (o/than hi-speed), width less th/300mm, cold-rolled flat-rolled products	✓
100.	72269270	Alloy steel (o/than tool), width less th/300mm, cold-rolled flat-rolled products, w/thickness n/o 0.25 mm	✓
101.	72269280	Alloy steel (o/than tool), width less th/300mm, cold-rolled flat-rolled products, w/thickness o/0.25 mm	✓
102.	72269901	Alloy steel, width less than 600mm, flat-rolled products further worked than cold-rolled, nesoi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
103.	72272000	Alloy silico-manganese steel, bars and rods in irregularly wound coils, hot-rolled	✓
104.	72279010	Alloy tool steel (o/than hi-speed), bars & rods in irregular wound coils, hot-rolled, n/tempered, treated or partly manufactured	✓
105.	72279020	Alloy tool steel (o/than hi-speed), bars and rods in irregularly wound coils, hot-rolled, nesoi	✓
106.	72282010	Alloy silico-manganese steel, bars and rods, not cold-formed, o/than hot-rolled and in irregularly wound coils	✓
107.	72285050	Alloy steel (o/than tool), bars and rods, not further worked than cold-formed or cold-finished	✓
108.	72286010	Alloy tool steel (o/than hi-speed), bars and rods, further worked than hot-rolled, forged, cold-formed or cold-finished	✓
109.	72286060	Alloy steel (o/than tool), bars and rods, further worked than hot-rolled, forged but not cold-formed	✓
110.	72286080	Alloy steel (o/than tool), bars and rods, cold-formed	✓
111.	72299010	Alloy steel (o/than hi-speed/silico-mang.), flat wire	✓
112.	73045960	Heat-resisting alloy steel (o/than stainless), seamless, n/cold-drawn/cold-rolled, tubes, pipes, etc., w/circ. cross sect., nesoi	✓
113.	73065010	Alloy steel (o/stainless), welded, w/circ. x-sect & ext. diam. 406.4mm or less, tubes, pipes, hollow prof., w/wall thick. less th/1.65 mm	✓
114.	73066110	Iron or nonalloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more	✓
115.	73066130	Alloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more	✓
116.	73066150	Iron or nonalloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm	✓
117.	73066910	Iron or nonalloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more	✓
118.	73066930	Alloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more	✓
119.	73066950	Iron or nonalloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm	✓
120.	73066970	Alloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm	✓
121.	73181600	Iron or steel, nuts	✓
122.	76011030	Aluminum (o/than alloy), unwrought, in coils, w/uniform x-section throughout length & w/least cross-sectional dimension n/o 9.5 mm	✓
123.	76011060	Aluminum (o/than alloy), unwrought nesoi	✓
124.	76012060	Aluminum alloys, w/25% or more by weight of silicon, unwrought nesoi	✓
125.	76012090	Aluminum alloys nesoi, unwrought nesoi	✓
126.	76041010	Aluminum (o/than alloy), profiles	✓
127.	76041030	Aluminum (o/than alloy), bar and rods, with a round cross section	✓
128.	76041050	Aluminum (o/than alloy), bar and rods, other than with a round cross section	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
129.	76042100	Aluminum alloy, hollow profiles	✓
130.	76042910	Aluminum alloy, profiles (o/than hollow profiles)	✓
131.	76042930	Aluminum alloy, bars and rods, having a round cross section	✓
132.	76042950	Aluminum alloy, bars and rods, other than with a round cross section	✓
133.	76051100	Aluminum (o/than alloy), wire, with a maximum cross-sectional dimension over 7 mm	✓
134.	76051900	Aluminum (o/than alloy), wire, with a maximum cross-sectional dimension of 7 mm or Less	✓
135.	76052100	Aluminum alloy, wire, with a maximum cross-sectional dimension over 7 mm	✓
136.	76052900	Aluminum alloy, wire, with a maximum cross-sectional dimension of 7 mm or less	✓
137.	76061160	Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), Clad	✓
138.	76061230	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), not clad	✓
139.	76061260	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), clad	✓
140.	76069130	Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), not clad	✓
141.	76069160	Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), clad	✓
142.	76069230	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), not clad	✓
143.	76069260	Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), Clad	✓
144.	76071910	Aluminum, etched capacitor foil, w/thickness n/o 0.2 mm, not rolled or rolled and further worked, not backed	✓
145.	76071960	Aluminum, foil nesoi, w/thickness o/0.15mm but n/o 0.2 mm or 0.15mm or less & not cut to shape, not rolled, not backed, nesoi	✓
146.	76072010	Aluminum, foil, w/thickness n/o 0.2 mm, backed, covered or decorated with a character, design, fancy effect or pattern	✓
147.	76082000	Aluminum alloy, tubes and pipes	✓
148.	76090000	Aluminum, fittings for tubes and pipes	✓
149.	84029000	Parts of steam- or other vapor-generating boilers	✓
150.	84195050	Heat exchange units, nesoi	✓
151.	84199010	Parts of instantaneous or storage water heaters	✓
152.	84199030	Parts of heat exchange units	✓
153.	84213940	Catalytic converters	✓
154.	84229006	Parts of dishwashing machines, nesi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
155.	84229091	Parts of packing or wrapping machinery, nesoi	✓
156.	84195050	Heat exchange units, nesoi	✓
157.	84389090	Parts of machinery for the industrial preparation or manufacture of food or drink, other than sugar manufacturing, nesi	✓
158.	84799045	Parts of trash compactors, frame assemblies	✓
159.	84799055	Parts of trash compactors, ram assemblies	✓
160.	84799065	Parts of trash compactors, container assemblies	✓
161.	84799075	Parts of trash compactors, cabinets or cases	✓
162.	84799085	Parts of trash compactors, nesi	✓
163.	84799094	Parts of machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84, nesoi	✓
164.	84813020	Check valves of iron or steel for pipes, boiler shells, tanks, vats or the like	✓
165.	84813090	Check valves other than of copper or iron or steel, for pipes, boiler shells, tanks, vats or the like	✓
166.	84814000	Safety or relief valves for pipes, boiler shells, tanks, vats or the like	✓
167.	84819090	Parts of taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, nesi	✓
168.	84821050	Ball bearings other than ball bearings with integral shafts	✓
169.	84822000	Tapered roller bearings, including cone and tapered roller assemblies	✓
170.	84823000	Spherical roller bearings	✓
171.	84824000	Needle roller bearings	✓
172.	84825000	Cylindrical roller bearings nesi	✓
173.	84828000	Ball or roller bearings nesi, including combined ball/roller bearings	✓
174.	84829100	Balls, needles and rollers for ball or roller bearings	✓
175.	84829905	Inner or outer rings or races for ball bearings	✓
176.	84829915	Inner or outer rings or races for taper roller bearings	✓
177.	84829925	Inner or outer rings or races for other bearings, nesi	✓
178.	84829935	Parts of ball bearings (including parts of ball bearings with integral shafts), nesi	✓
179.	84829945	Parts of tapered roller bearings, nesi	✓
180.	84829965	Parts of other ball or roller bearings, nesi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
181.	84833040	Bearing housings of the flange, take-up, cartridge and hanger unit type	✓
182.	84834080	Ball or roller screws	✓
183.	84834090	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately	✓
184.	84839030	Parts of bearing housings and plain shaft bearings, nesi	✓
185.	84839070	Parts of articles of subheading 8483.20	✓
186.	84841000	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	✓
187.	84842000	Mechanical seals	✓
188.	84879000	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features and other parts nesi	✓
189.	85011040	Electric motors of an output of under 18.65 W, other than synchronous valued not over \$4 each	✓
190.	85012020	Universal AC/DC motors of an output exceeding 37.5 W but not exceeding 74.6 W	✓
191.	85013120	DC motors nesi, of an output exceeding 37.5 W but not exceeding 74.6 W	✓
192.	85013245	DC motors nesi, of an output exceeding 14.92 kW but not exceeding 75 kW, used as primary source of mechanical power for electric vehicles	✓
193.	85013255	DC motors nesi, of an output exceeding 14.92 kW but not exceeding 75 kW, nesi	✓
194.	85015120	AC motors nesi, multi-phase, of an output exceeding 37.5 W but not exceeding 74.6 W	✓
195.	85015280	AC motors nesi, multi-phase, of an output exceeding 14.92 kW but not exceeding 75 kW	✓
196.	85030035	Parts of electric motors under 18.65 W, stators and rotors	✓
197.	85030065	Stators and rotors for electric motors & generators of heading 8501, nesi	✓
198.	85030075	Parts of electric motors under 18.65 W, other than commutators, stators or rotors	✓
199.	85044040	Electrical speed drive controllers for electric motors (static converters)	✓
200.	85049041	Parts of power supplies (other than printed circuit assemblies) for automatic data processing machines or units thereof of heading 8471	✓
201.	85049065	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus	✓
202.	85049096	Parts (other than printed circuit assemblies) of electrical transformers, static converters and inductors	✓
203.	85051910	Flexible permanent magnets, other than of metal	✓
204.	85052000	Electromagnetic couplings, clutches and brakes	✓
205.	85322100	Tantalum fixed capacitors	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
206.	85322200	Aluminum electrolytic fixed capacitors	✓
207.	85322300	Ceramic dielectric fixed capacitors, single layer	✓
208.	85322400	Ceramic dielectric fixed capacitors, multilayer	✓
209.	85322500	Dielectric fixed capacitors of paper or plastics	✓
210.	85322900	Fixed electrical capacitors, nesi	✓
211.	85323000	Variable or adjustable (pre-set) electrical capacitors	✓
212.	85329000	Parts of electrical capacitors, fixed, variable or adjustable (pre-set)	✓
213.	85331000	Electrical fixed carbon resistors, composition or film types	✓
214.	85332100	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity not exceeding 20 W	✓
215.	85332900	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity exceeding 20 W	✓
216.	85333100	Electrical wirewound variable resistors, including rheostats and potentiometers, for a power handling capacity not exceeding 20 W	✓
217.	85334040	Metal oxide resistors	✓
218.	85334080	Electrical variable resistors, other than wirewound, including rheostats and Potentiometers	✓
219.	85339080	Other parts of electrical resistors, including rheostats and potentiometers, nesi	✓
220.	85351000	Fuses, for a voltage exceeding 1,000 V	✓
221.	85352100	Automatic circuit breakers, for a voltage of less than 72.5 kV, but exceeding 1,000 V	✓
222.	85352900	Automatic circuit breakers, for a voltage of 72.5 kV or more	✓
223.	85353000	Isolating switches and make-and-break switches, for a voltage exceeding 1,000 V	✓
224.	85361000	Fuses, for a voltage not exceeding 1,000 V	✓
225.	85362000	Automatic circuit breakers, for a voltage not exceeding 1,000 V	✓
226.	85363040	Electrical motor overload protectors, for a voltage not exceeding 1,000 V, nesi	✓
227.	85364100	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage not exceeding 60 V	✓
228.	85364900	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage exceeding 60 but not exceeding 1,000 V	✓
229.	85365040	Electrical motor starters (which are switches), for a voltage not exceeding 1,000 V	✓
230.	85365090	Switches nesoi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V	✓
231.	85366940	Connectors: coaxial, cylindrical multicontact, rack and panel, printed circuit, ribbon or flat cable, for a voltage not exceeding 1,000 V	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
232.	85369040	Electrical terminals, electrical splicers and electrical couplings, wafer probers, for a voltage not exceeding 1,000 V	✓
233.	85369060	Battery clamps used in motor vehicles of headings 8702, 8703, 8704, or 8711	✓
234.	85369085	Other electrical apparatus nesi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V, neso	✓
235.	85371060	Boards, panels, etc., equipped with apparatus for electric control, for a voltage not exceeding 1,000, motor control centers	✓
236.	85371080	Touch screens without display capabilities for incorporation in apparatus having a Display	✓
237.	85372000	Boards, panels, consoles, desks, cabinets and other bases, equipped with apparatus for electric control, for a voltage exceeding 1,000 V	✓
238.	85381000	Parts of boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus	✓
239.	85389040	Parts for articles of 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, mech. or elec. reactive to changes in temp.	✓
240.	85389060	Molded parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537	✓
241.	85389081	Other parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537	✓
242.	85392920	Electrical filament lamps, voltage not exceeding 100 V, having glass envelopes n/o 6.35 mm in diameter, suitable in surgical instruments	✓
243.	85392930	Electrical filament lamps nesi, designed for a voltage not exceeding 100 V, excluding ultraviolet and infrared lamps	✓
244.	85394100	Arc lamps	✓
245.	85399000	Parts of electrical filament or discharge lamps	✓
246.	85414020	Light-emitting diodes (LED's)	✓
247.	85414070	Photosensitive transistors	✓
248.	85414080	Photosensitive semiconductor devices nesi, optical coupled isolators	✓
249.	85414095	Photosensitive semiconductor devices nesi, other	✓
250.	85415000	Semiconductor devices other than photosensitive semiconductor devices, nesi	✓
251.	85416000	Mounted piezoelectric crystals	✓
252.	85419000	Parts of diodes, transistors, similar semiconductor devices, photosensitive semiconductor devices, LED's and mounted piezoelectric crystals	✓
253.	85431000	Electrical particle accelerators	✓
254.	85432000	Electrical signal generators	✓
255.	85433020	Electrical machines and apparatus for electroplating, electrolysis, or electrophoresis for making printed circuits	✓
256.	85433090	Other electrical machines and apparatus for electroplating, electrolysis, or Electrophoresis	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
257.	85437020	Physical vapor deposition apparatus, nesoi	✓
258.	85437095	Touch screens without display capabilities for incorporation in apparatus having a Display	✓
259.	85439012	Parts of physical vapor deposition apparatus of subheading 8543.70	✓
260.	85439065	Printed circuit assemblies of flat panel displays other than for reception apparatus for television of heading 8528	✓
261.	85439068	Printed circuit assemblies of electrical machines and apparatus, having individual functions, nesoi	✓
262.	85441100	Insulated (including enameled or anodized) winding wire, of copper	✓
263.	85441900	Insulated (including enameled or anodized) winding wire, other than of copper	✓
264.	85444930	Insulated electric conductors nesi, of copper, for a voltage not exceeding 1,000 V, not fitted with connectors	✓
265.	85444990	Insulated electric conductors nesi, not of copper, for a voltage not exceeding 1,000 V, not fitted with connectors	✓
		<b>Equipment &amp; Tools Used in the Manufacturing Process</b>	
1.	84238200	Weighing machinery having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg	✓
2.	84239090	Other parts of weighing machinery, including weights	✓
3.	84248910	Mechanical appliances for projecting, dispersing or spraying liquids or powders, nesoi	✓
4.	84249020	Parts of sand blasting machines	✓
5.	84271040	Self-propelled works trucks powered by an electric motor, rider type forklift trucks	✓
6.	84271080	Self-propelled works trucks powered by an electric motor, fitted with lifting and handling equipment, nesi	✓
7.	84272040	Self-propelled works trucks not powered by an electric motor, rider type forklift trucks	✓
8.	84272080	Self-propelled works trucks not powered by an electric motor, fitted with lifting and handling equipment, nesi	✓
9.	84289002	Machinery for lifting, handling, loading or unloading, nesoi	✓
10.	84561110	Machine tools operated by laser, for working metal	✓
11.	84561170	Machine tools operated by laser, of a kind used solely or principally for manufacture of printed circuits	✓
12.	84561190	Machine tools operated by laser, nesoi	✓
13.	84561210	Machine tools operated by light or photon beam processes, for working metal	✓
14.	84561270	Machine tools operated by light or photon beam processes, of a kind used solely or principally for the manufacture of printed circuits	✓
15.	84561290	Machine tools operated by light or photon beam processes, nesoi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
16.	84562010	Machine tools operated by ultrasonic processes, for working metal	✓
17.	84562050	Machine tools operated by ultrasonic processes, other than for working metal	✓
18.	84563010	Machine tools operated by electro-discharge processes, for working metal	✓
19.	84563050	Machine tools operated by electro-discharge processes, other than for working metal	✓
20.	84564010	Machine tools operated by plasma arc process, for working metal	✓
21.	84564090	Machine tools operated by plasma arc process, other than for working metal	✓
22.	84565000	Water-jet cutting machines	✓
23.	84569031	Machine tools operated by electro-chemical or ionic-beam processes, for working metal	✓
24.	84569071	Machine tools operated by electro-chemical or ionic-beam processes, other than for working metal	✓
25.	84571000	Machining centers for working metal	✓
26.	84572000	Unit construction machines (single station), for working metal	✓
27.	84573000	Multistation transfer machines for working metal	✓
28.	84581100	Horizontal lathes (including turning centers) for removing metal, numerically controlled	✓
29.	84581900	Horizontal lathes (including turning centers) for removing metal, other than numerically controlled	✓
30.	84589110	Vertical turret lathes (including turning centers) for removing metal, numerically controlled	✓
31.	84589150	Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, numerically controlled	✓
32.	84589910	Vertical turret lathes (including turning centers) for removing metal, other than numerically controlled	✓
33.	84589950	Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, other than numerically controlled	✓
34.	84591000	Way-type unit head machines for drilling, boring, milling, threading or tapping by removing metal, other than lathes of heading 8458	✓
35.	84592100	Drilling machines, numerically controlled, nesi	✓
36.	84593100	Boring-milling machines, numerically controlled, nesi	✓
37.	84593900	Boring-milling machines, other than numerically controlled, nesi	✓
38.	84594100	Boring machines, numerically controlled, nesoi	✓
39.	84594900	Boring machines, not numerically controlled, nesoi	✓
40.	84595100	Milling machines, knee type, numerically controlled, nesi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
41.	84596100	Milling machines, other than knee type, numerically controlled, nesi	✓
42.	84596900	Milling machines, other than knee type, other than numerically controlled, nesi	✓
43.	84597040	Other threading or tapping machines, numerically controlled	✓
44.	84597080	Other threading or tapping machines nesi	✓
45.	84601200	Flat-surface grinding machines, numerically controlled	✓
46.	84601901	Flat-surface grinding machines, not numerically controlled	✓
47.	84602200	Centerless grinding machines, numerically controlled	✓
48.	84602300	Other cylindrical grinding machines, numerically controlled	✓
49.	84602400	Other grinding machines, numerically controlled	✓
50.	84602901	Other grinding machines, other than numerically controlled	✓
51.	84603100	Sharpening (tool or cutter grinding) machines for working metal or cermets, numerically controlled	✓
52.	84604040	Honing or lapping machines for working metal or cermets, numerically controlled	✓
53.	84604080	Honing or lapping machines for working metal or cermets, other than numerically controlled	✓
54.	84609040	Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, numerically controlled	✓
55.	84609080	Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, other than numerically controlled	✓
56.	84612040	Shaping or slotting machines for working by removing metal or cermets, numerically controlled	✓
57.	84612080	Shaping or slotting machines for working by removing metal or cermets, other than numerically controlled	✓
58.	84613040	Broaching machines for working by removing metal or cermets, numerically controlled	✓
59.	84613080	Broaching machines for working by removing metal or cermets, other than numerically controlled	✓
60.	84614010	Gear cutting machines for working by removing metal or cermets	✓
61.	84614050	Gear grinding or finishing machines for working by removing metal or cermets	✓
62.	84615040	Sawing or cutting-off machines for working by removing metal or cermets, numerically controlled	✓
63.	84619030	Machine-tools for working by removing metal or cermets, nesoi, numerically controlled	✓
64.	84619060	Machine-tools for working by removing metal or cermets, nesoi, other than numerically controlled	✓
65.	84621000	Forging or die-stamping machines (including presses) and hammers	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
66.	84622100	Bending, folding, straightening or flattening machines (including presses) numerically controlled for working metal or metal carbides	✓
67.	84622900	Bending, folding, straightening or flattening machines (including presses) not numerically controlled for working metal or metal carbides	✓
68.	84623100	Shearing machines (incl. presses), excl. combined punching & shearing machines, numerically controlled for working metal or metal carbides	✓
69.	84623900	Shearing machines (incl. presses), excl. combined punch & shearing machines, nt numerically controlled for working metal or metal carbides	✓
70.	84624100	Punch/notch machines (incl. presses), incl. combined punch & shearing machines, numerically controlled for working metal or metal carbides	✓
71.	84624900	Punch/notch machines (incl. presses), incl. combined punch & shear machines, nt numerically controlled for working metal or metal carbides	✓
72.	84629140	Hydraulic presses, numerically controlled	✓
73.	84629180	Hydraulic presses, not numerically controlled	✓
74.	84629940	Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesi, numerically controlled	✓
75.	84629980	Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesi, not numerically controlled	✓
76.	84631000	Draw-benches for bars, tubes, profiles, wire or the like, for working metal or cermets, without removing material	✓
77.	84632000	Thread rolling machines for working metal or cermets, without removing material	✓
78.	84633000	Machines for working wire of metal or cermets, without removing material	✓
79.	84639000	Machine tools for working metal or cermets, without removing material, nesoi	✓
80.	84642001	Grinding or polishing machines for working stone, ceramics, concrete, asbestos-cement or like mineral materials, or glass, nesi	✓
81.	84649001	Machine tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass, nesoi	✓
82.	84651000	Machines for working certain hard materials which can carry out different types of machining operations w/o tool change between operations	✓
83.	84659200	Planing, milling or molding (by cutting) machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials	✓
84.	84659300	Grinding, sanding or polishing machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials	✓
85.	84659400	Bending or assembling machines for working wood, cork, bone hard rubber, hard plastics or similar hard materials	✓
86.	84659902	Machine tools for working wood, cork, bone, hard rubber, hard plastics and similar hard materials, nesoi	✓
87.	84661001	Tool holders and self-opening dieheads for use solely or principally with machines of headings 8456 to 8465, nesoi	✓
88.	84662010	Work holders for machine tools used in cutting gears	✓
89.	84662080	Work holders for machine tools other than those used in cutting gears, nesoi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
90.	84663010	Dividing heads for use solely or principally for machine tools of headings 8456 to 8465	✓
91.	84663060	Special attachments (which are machines) use solely or principally for machines of heading 8456 to 8465, excluding dividing heads, nesoi	✓
92.	84669150	Parts and accessories nesoi, for machines of heading 8464	✓
93.	84669210	Cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8465	✓
94.	84669250	Parts and accessories nesoi, for machines of heading 8465	✓
95.	84669311	Certain parts for water-jet cutting machines	✓
96.	84669330	Certain specified parts and accessories of metal working machine tools for cutting gears	✓
97.	84669353	Certain specified parts and accessories for machines of heading 8456 to 8461, nesoi	✓
98.	84669360	Other cast-iron parts not advanced beyond cleaning and specifically machined, for metalworking machine tools for cutting, etc.	✓
99.	84669375	Other parts and accessories of metal working machine tools for cutting gears	✓
100.	84669396	Parts & accessories for machines of heading 8456 to 8461 used to make printed circuits or PCAs, parts of heading 8517 or computers	✓
101.	84669398	Other parts and accessories for machines of heading 8456 to 8461, nesoi	✓
102.	84669420	Certain specified cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463	✓
103.	84669440	Other cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463	✓
104.	84669465	Other specified parts and accessories for machines of heading 8462 or 8463, nesoi	✓
105.	84669485	Other parts and accessories for machines of heading 8462 or 8463, nesoi	✓
106.	84671110	Tools for working in the hand, pneumatic, rotary type, suitable for metal working	✓
107.	84671150	Tools for working in the hand, pneumatic, rotary type, other than suitable for metal working	✓
108.	84671910	Tools for working in the hand, pneumatic, other than rotary type, suitable for metal working	✓
109.	84678910	Other tools for working in the hand, hydraulic or with self-contained nonelectric motor, suitable for metal working, nesoi	✓
110.	84678950	Other tools for working in the hand, hydraulic or with self-contained nonelectric motor, other than suitable for metal working, nesoi	✓
111.	84679200	Parts of pneumatic tools for working in the hand	✓
112.	84688050	Machinery and apparatus other than hand-directed or -controlled, used for soldering, brazing or welding, not gas-operated	✓
113.	84759090	Parts of machines for manufacturing or hot working glass or glassware	✓
114.	84771090	Injection-molding machines of a type used for working or manufacturing products from rubber or plastics, nesoi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
115.	84772000	Extruders for working rubber or plastics or for the manufacture of products from these materials, nesi	✓
116.	84773000	Blow-molding machines for working rubber or plastics or for the manufacture of products from these materials	✓
117.	84774001	Vacuum-molding and other thermoforming machines for working rubber or plastics or for manufacture of products from these materials, nesoi	✓
118.	84778000	Machinery for working rubber or plastics or for the manufacture of products from these materials, nesi	✓
119.	84779025	Base, bed, platen and specified parts of machinery for working rubber or plastics or for manufacture of products from these material, nesoi	✓
120.	84779045	Barrel screws of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi	✓
121.	84795000	Industrial robots, not elsewhere specified or included	✓
122.	84798100	Machines and mechanical appliances for treating metal, including electric wire coil- winders, nesi	✓
123.	84798992	Automated electronic component placement machines for making printed circuit Assemblies	✓
124.	84802000	Mold bases	✓
125.	84803000	Molding patterns	✓
126.	84804100	Molds for metal or metal carbides, injection or compression types	✓
127.	84804900	Molds for metal or metal carbides other than injection or compression types	✓
128.	84805000	Molds for glass	✓
129.	84806000	Molds for mineral materials	✓
130.	84807180	Molds for rubber or plastics, injection or compression types, other than for shoe machinery or for manufacture of semiconductor devices	✓
131.	85141000	Resistance heated industrial or laboratory furnaces and ovens	✓
132.	85142060	Industrial or laboratory microwave ovens, nesoi	✓
133.	85142080	Industrial or laboratory furnaces and ovens (other than microwave) functioning by induction or dielectric loss	✓
134.	85143010	Industrial furnaces and ovens for making printed circuits or printed circuit assemblies	✓
135.	85143090	Industrial or laboratory electric industrial or laboratory furnaces and ovens nesi	✓
136.	85144000	Industrial or laboratory induction or dielectric heating equipment nesi	✓
137.	85149080	Parts of industrial or laboratory electric furnaces and ovens and other industrial or laboratory induction or dielectric heating equipment	✓
138.	85151100	Electric soldering irons and guns	✓
139.	85151900	Electric brazing or soldering machines and apparatus, other than soldering irons and Guns	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
140.	85152100	Electric machines and apparatus for resistance welding of metal, fully or partly Automatic	✓
141.	85152900	Electric machines and apparatus for resistance welding of metal, other than fully or partly automatic	✓
142.	85153100	Electric machines and apparatus for arc (including plasma arc) welding of metals, fully or partly automatic	✓
143.	85153900	Electric machines and apparatus for arc (including plasma arc) welding of metals, other than fully or partly automatic	✓
144.	85158000	Electric welding apparatus nesi, and electric machines and apparatus for hot spraying metals or sintered metal carbides	✓
145.	85159020	Parts of electric welding machines and apparatus	✓
146.	85159040	Parts of electric soldering or brazing machines & apparatus, & electric apparatus for hot spraying of metals or sintered metal carbides	✓
		<b>Finished Commercial Foodservice Equipment</b>	
1.	84172000	Bakery ovens, including biscuit ovens	✓
2.	84186901	Refrigerating or freezing equipment nesi	✓
3.	84191100	Instantaneous gas water heaters, nonelectric	✓
4.	84191900	Storage water heaters, nonelectric	✓
5.	84198150	Cooking stoves, ranges & ovens, other than microwave, for making hot drinks or for cooking or heating food, not used for domestic purposes	✓
6.	84198190	Machinery and equipment nesi, for making hot drinks or for cooking or heating food, not used for domestic purposes	✓
7.	84212100	Machinery and apparatus for filtering or purifying water	✓
8.	84212200	Machinery and apparatus for filtering or purifying beverages other than water	✓
9.	84212900	Filtering or purifying machinery and apparatus for liquids, nesi	✓
10.	84224091	Packing or wrapping machinery, nesoi	✓
11.	84342000	Dairy machinery other than milking machines	✓
12.	84351000	Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages	✓
13.	84359000	Parts of presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages	✓
14.	84384000	Brewery machinery, nesi	✓
15.	84385000	Machinery for the preparation of meat or poultry, nesi	✓
16.	84386000	Machinery for the preparation of fruits, nuts or vegetables, nesi	✓
17.	84388000	Machinery for the industrial preparation or manufacture of food or drink, nesi	✓

No.	HTSUS Subheading	Product Description or Category of Products	Supply Adjustments Will Require Time
18.	84768900	Automatic goods-vending (other than beverage-vending but incl. money-changing machines) not incorporating heating or refrigerating devices	✓
19.	84798200	Machines for mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring, nesi	✓
20.	84798955	Electromechanical appliances with self-contained electric motor, trash compactors	✓
21.	84798965	Electromechanical appliances with self-contained electric motor, nesi	✓

[1] Checkmark denotes affirmative "yes" response.

Blue highlight denotes materials, parts and components used to manufacture commercial foodservice equipment.

Green highlight denotes equipment and tools used in the manufacturing process.

Yellow highlight denotes finished products.