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ANNEX

**ANNEX**

**to the**

**Commission Delegated Decision**

**supplementing Directive 2003/87/EC of the European Parliament and of the Council  
concerning the determination of sectors and subsectors deemed at risk of carbon leakage  
for the period 2021 to 2030**

{SEC(2019) 86 final} - {SWD(2019) 21 final} - {SWD(2019) 22 final}

## ANNEX

**Sectors and subsectors which, pursuant to Article 10b of Directive 2003/87/EC, are deemed to be at risk of carbon leakage**

### **1. Based on the criteria set out in Article 10b(1) of Directive 2003/87/EC**

<b>NACE Code</b>	<b>Description</b>
0510	Mining of hard coal
0610	Extraction of crude petroleum
0710	Mining of iron ores
0729	Mining of other non-ferrous metal ores
0891	Mining of chemical and fertiliser minerals
0899	Other mining and quarrying n.e.c.
1041	Manufacture of oils and fats
1062	Manufacture of starches and starch products
1081	Manufacture of sugar
1106	Manufacture of malt
1310	Preparation and spinning of textile fibres
1395	Manufacture of non-wovens and articles made from non-wovens, except apparel
1411	Manufacture of leather clothes
1621	Manufacture of veneer sheets and wood-based panels
1711	Manufacture of pulp
1712	Manufacture of paper and paperboard
1910	Manufacture of coke oven products
1920	Manufacture of refined petroleum products
2011	Manufacture of industrial gases
2012	Manufacture of dyes and pigments
2013	Manufacture of other inorganic basic chemicals

2014	Manufacture of other organic basic chemicals
2015	Manufacture of fertilisers and nitrogen compounds
2016	Manufacture of plastics in primary forms
2017	Manufacture of synthetic rubber in primary forms
2060	Manufacture of man-made fibres
2311	Manufacture of flat glass
2313	Manufacture of hollow glass
2314	Manufacture of glass fibres
2319	Manufacture and processing of other glass, including technical glassware
2320	Manufacture of refractory products
2331	Manufacture of ceramic tiles and flags
2351	Manufacture of cement
2352	Manufacture of lime and plaster
2399	Manufacture of other non-metallic mineral products n.e.c.
2410	Manufacture of basic iron and steel and of ferro-alloys
2420	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel
2431	Cold drawing of bars
2442	Aluminium production
2443	Lead, zinc and tin production
2444	Copper production
2445	Other non-ferrous metal production
2446	Processing of nuclear fuel
2451	Casting of iron

## 2. Based on the criteria set out in Article 10b(2) of Directive 2003/87/EC

NACE Code	Description
0893	Extraction of salt
1330	Finishing of textiles
2110	Manufacture of basic pharmaceutical products
2341	Manufacture of ceramic household and ornamental articles
2342	Manufacture of ceramic sanitary fixtures

## 3. Based on the criteria set out in Article 10b(3), first subparagraph of Directive 2003/87/EC

NACE Code	Description
2332	Manufacture of bricks, tiles and construction products, in baked clay

## 4. Based on the criteria set out in Article 10b(3), fifth subparagraph of Directive 2003/87/EC

Prodcom Code	Description
081221	Kaolin and other kaolinic clays
10311130	Frozen potatoes, prepared or preserved (including potatoes cooked or partly cooked in oil and then frozen; excluding by vinegar or acetic acid)
10311300	Dried potatoes in the form of flour, meal, flakes, granules and pellets
10391725	Concentrated tomato puree and paste
105121	Skimmed milk powder
105122	Whole milk powder
105153	Casein
105154	Lactose and lactose syrup
10515530	Whey and modified whey in powder, granules or other solid forms, whether or not concentrated or containing added sweetening matter
10891334	Bakers' yeast

20302150	Vitrifiable enamels and glazes, engobes (slips) and similar preparations for ceramics, enamelling or glass
20302170	Liquid lustres and similar preparations; glass frit and other glass in powder; granules or flakes
25501134	Open die forged ferrous parts for transmission shafts, camshafts, crankshafts and cranks etc.

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