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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**

| <b>NACE Code</b> | <b>Description</b>                                       |
|------------------|--|
| 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**

| <b>NACE Code</b> | <b>Description</b>  |
|------------------|---|
| 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**

| <b>Prodcom Code</b> | <b>Description</b>  |
|---------------------|---|
| 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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