

ANNEX IV

Activity-specific monitoring methodologies related to installations (Article 20(2))**5. Production of pig iron and steel as listed in Annex I to Directive 2003/87/EC****A. Scope**

The operator shall include at least the following potential sources of CO₂ emissions: raw materials (calcination of limestone, dolomite and carbonatic iron ores, including FeCO₃), conventional fuels (natural gas, coal and coke), reducing agents (including coke, coal and plastics), process gases (coke oven gas — COG, blast furnace gas — BFG and basic oxygen furnace gas — BOFG), consumption of graphite electrodes, other fuels and waste gas scrubbing.

B. Specific monitoring rules

For the monitoring of emissions from production of pig iron and steel, the operator may choose to use a mass balance in accordance with Article 25 and section 3 of Annex II, or the standard methodology in accordance with Article 24 and sections 2 and 4 of Annex II, at least for a part of the source streams, avoiding any gaps or double counting of emissions.

By way of derogation from section 3.1 of Annex II, tier 3 for the carbon content is defined as follows:

Tier 3 : The operator shall derive the carbon content of input or output stream following Articles 32 to 35 in respect to the representative sampling of fuels, products and by-products, the determination of their carbon contents and biomass fraction. The operator shall base the carbon content of products or semi-finished products on annual analyses following Articles 32 to 35 or derive the carbon content from mid-range composition values as specified by relevant international or national standards.