



2.B.6 - Titanium Dioxide Production

Short description

Category Code	Method					AD					EF				
2.B.6	T3					?					?				
Key Category	SO ₂	NO _x	NH ₃	NM VOC	CO	BC	Pb	Hg	Cd	Diox	PAH	HCB	TSP	PM ₁₀	PM _{2.5}
2.B.6	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-

In *NFR 2.B.6*, SO₂ emissions from the production of titanium dioxide are reported.

Method

Activity Data

For the **production of titanium dioxide**, the producers report the sum of all SO₂-emissions. As these emissions are confidential, they are included in the respective emissions reported for **sulphuric acid production**.

Emission Factors

Due to confidentiality concerns, this data is not made public.

Recalculations

For SO₂ emissions from the production of **titanium dioxide** and **sulphuric acid**, estimates reported for the *second to last year* of the time series are routinely actualised by the producers. Furthermore, definite emissions for the *last year of the time series* are not yet available at the time the inventory is compiled. Here, the reported values represent a prediction and are therefore updated with each new submission as well.

Because of technical problems with the data transfer, there is a small recalculation for titanium dioxide production for 2015 and 2016.



For pollutant-specific information on recalculated emission estimates for Base Year and 2018, please see the pollutant specific recalculation tables following [chapter 8.1 - Recalculations](#).

Planned improvements

In the NEC Review Germany was requested to calculate emissions of NO_x, CO and TSP from titanium dioxide production. Germany tries to collect the data needed to calculate these emissions.

For the Key Category Analyses the emissions of SO_x from TiO₂ production are wrongly allocated to 2B10a. Germany plans to reallocate these emissions in the next submission back to TiO₂.

