

# **2.B.6 - Titanium Dioxide Production**

# Short description

Category Code	Method						AD					EF				
2.B.6	Т3					?					?					
Key Category	SO2	NOx	ΝН₃	NMVOC	СО	BC	Pb	Hg	Cd	Diox	PAH	HCB	TSP	<b>PM</b> 10	PM2 5	
2.B.6	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

In NFR 2.B.6, SO<sub>2</sub> 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 SO<sub>2</sub>-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.

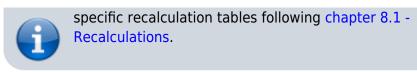
### Recalculations

For SO<sub>2</sub> 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



# **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  $TiO_2$  production are wrongly allocated to 2B10a. Germany plans to reallocate these emissions in the next submission back to  $TiO_2$ .