

## 2.C.7.b - Nickel Production

In sub-category *NFR 2.C.7.b - Nickel production* TSP, SO<sub>2</sub> and Ni emissions from nickel mine production only for the year 1990 because mine production in Germany stopped in 1991.

| Method | AD | EF | Key Category    |
|--------|----|----|-----------------|
| T1     | AS | D  | no key category |

**T** = key source by Trend **L** = key source by Level

| Methods   |                                 |
|-----------|---------------------------------|
| <b>D</b>  | Default                         |
| <b>RA</b> | Reference Approach              |
| <b>T1</b> | Tier 1 / Simple Methodology *   |
| <b>T2</b> | Tier 2*                         |
| <b>T3</b> | Tier 3 / Detailed Methodology * |
| <b>C</b>  | CORINAIR                        |
| <b>CS</b> | Country Specific                |
| <b>M</b>  | Model                           |

\* as described in the EMEP/CORINAIR Emission Inventory Guidebook - 2007, in the group specific chapters.

| AD - Data Source for Activity Data |                                      |
|------------------------------------|--------------------------------------|
| <b>NS</b>                          | National Statistics                  |
| <b>RS</b>                          | Regional Statistics                  |
| <b>IS</b>                          | International Statistics             |
| <b>PS</b>                          | Plant Specific data                  |
| <b>AS</b>                          | Associations, business organisations |
| <b>Q</b>                           | specific questionnaires, surveys     |
| EF - Emission Factors              |                                      |
| <b>D</b>                           | Default (EMEP Guidebook)             |
| <b>C</b>                           | Confidential                         |
| <b>CS</b>                          | Country Specific                     |
| <b>PS</b>                          | Plant Specific data                  |

## Method

### Activity data

The yearly production figure was taken from the annual statistical report of the US Geological Survey (USGS) for non-ferrous metals [\[Lit. 1\]](#).

### Emission factors

The emission factors are default values according to the 2019 EMEP/EEA air pollutant emission inventory guidebook [\[Lit. 2\]](#).

Table 1: applied Tier1 emission factors

| Pollutant       | EF    | Unit |
|-----------------|-------|------|
| SO <sub>2</sub> | 18    | kg/t |
| TSP             | 0.3   | kg/t |
| Ni              | 0.025 | kg/t |

**Recalculations**

Recalculation not needed.

**Planned improvements**

No category specific improvements needed.

**Bibliography**

**Lit. 1:** **Lit. 2:**