6.3.3.3 Raw Meal Preparation Volume [t]

Description

Raw meal preparation volume corresponds to the quantity of raw meal produced in the raw meal preparation process, for example grinding mills of all production units in operation. The quantity calculated contains all raw meal types.
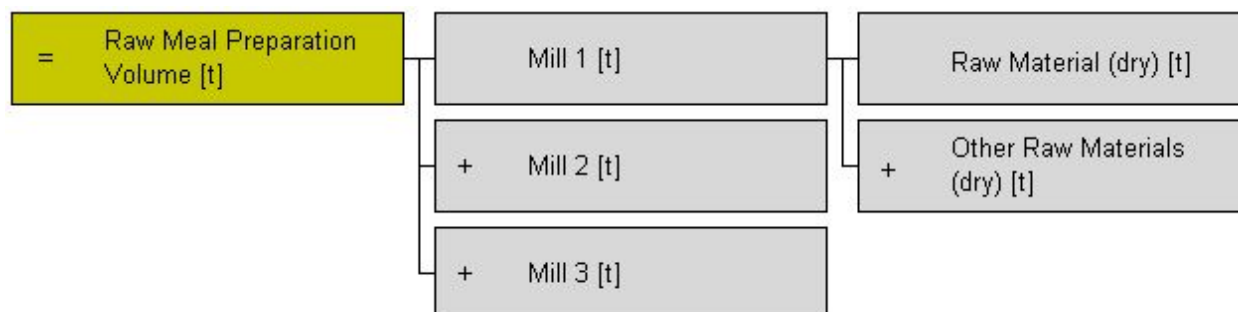
Reference to Process

This indicator refers to:

- Main cost center 'Raw Meal Preparation'
- Product sub-segment Clinker and Cement

Purpose

To measure the actual volume of raw meal prepared. This indicator is the basis for measuring productivity, and is also needed to elaborate specific production cost of the main cost center.

Calculation

For a printable version, see attachment below.

The produced quantity of meal can be calculated by the total of the materials fed minus material humidity. In this case the quantities of the materials fed have to be measured by feed belt scales or similar devices. In the production process limestone, marl clay and similar are ground together with correctives and alternative raw materials and / or mixed together.

Correctives are high-grade limestone, kaolin, iron ore, silica sand, alumina ore and alternative raw materials can be slag, fly ash, waste glass, etc.
For all processes (e.g. dry, semi-dry, semi-wet, wet) the water content of the raw meal /

slurry is not included. The raw meal produced is determined by raw material fed to the system minus the loss of moisture.

Volumes of raw meal, filler, etc. sold leaving this process step will not be included in the calculation of the indicator.

Comments and Examples

TIS data normalization code: ICS Code 300+TPROD+RAMEAL

The total quantity corresponds to the total of all mills and or mixer lines in operation and / or different raw meal types.

This volume indicator is reported in the cost per ton report as well as the operational efficiency indicators (e.g. specific electric energy consumption) net of any sales (disclosed within the cost center raw meal preparation as 'By-Products and Other Revenues'). Materials sold to third parties sold directly from the cost center and booked into the type of cost 'By-Products and Other Revenues' as a cost reduction (revenue) will be excluded ONLY on cost center level. If the indicator is reported by lower information detail (i.e. by machinery, material, type of cost) the exclusion will not take place, reporting the complete produced volume. Do not confuse this indicator (Raw Meal Preparation Volume) with the complete produced volume (Raw Meal Prepared).

Reporting Requirements

This indicator is not reported in SAP FC.