

Delay Recording System

Recognise your delay times to improve your tap-to-tap time



Principles.

- Definition of standard setup times and delay code system reflecting the time balance of the process.
- Accurate time measurement based on automatic process signals.
- At each power-off the DRS requests the operator to enter a specific delay code.
- Automatic generation of statistics and reports.
- Process optimisation based on standardised reporting.
- Easy adaptation and application for different kind of steelmaking processes.

Concept.

- The code system with finite number of codes allows classification and precise documentation of main-, setup- and delay times (and causes).
- Graphical user interface enables efficient data input for operators and data analysis for supervisors.
- Touch display for operator for easy and quick handling.
- Multi language support.
- Automatic statistical functions and standard report generation (e.g. heat report or pareto analysis).
- Accessibility of reports via TCP/IP network from office or export of reports in different formats (PDF or graphical meta-format).

Advantages.

- Reduction of delays provides a huge potential for productivity increase.
- Allocation of (and creation of awareness for) small but frequent delays, whose causes/solutions are often quite simple.
- Increase of transparency and consistency – standardised codes minimise subjective interpretations by operators and allow for objective comparison of facilities or periods.
- Easiest possible handling enables the operator to focus on the process.



A picture says more than thousand words: documentation of registered delays.

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