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Dear Madam or Sir,

Enjoy reading the PSI Metals newsletter for producers of steel, aluminum and copper.

With our *PSImetals* Newsletter we inform you about product news, successful projects and latest orders. Special notes about industry-specific events and joint activities with partners complete our information services.

Yours sincerely
Annett Pöhl

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Customer Success Stories

PSI *metals* at ArcelorMittal Dofasco

The importance of efficient and effective planning, scheduling and execution directly supports ArcelorMittal Dofasco's working capital and cost goals. Prior to the implementation of *PSImetals*, these functions were supported by many computer based Manufacturing Execution Systems (MES) that had evolved over the years. Although these systems provided acceptable functionality and were stable, their combination was somewhat inflexible and hampered reaching levels of business process performance that was possible for order fulfillment in the steel industry.

The new production management system plans and controls all the systems in the Finishing mills and its outside processors. *PSImetals* covers all functions of a level-3 system for the planning, control and monitoring of the Finishing production and forms the backbone of the entire IT infrastructure in production. In this position, the new system is an integral part of the new IT landscape and an important tool in Dofasco's manufacturing process.

The solution installed at ArcelorMittal Dofasco is the world's largest *PSImetals* installation at one location. *PSImetals* currently plans and controls:

- 22 own systems per level 2
- 25 own systems (manually)
- 2 tube mills
- 85 systems at outside processors by EDI
- 35 systems for outside processors through data entry screens

In the upcoming issue of our customer journal ,production manager' (May 2011) an article about this solution will be published.

Product News in *PSI metals*



Self-tailored logistics solutions

Operators of warehouses with a low degree of automation can map their business processes in a much more flexible manner and cut costs dramatically by configuring their logistics solutions themselves. That's why PSI Metals is now offering a basic version of *PSI Metals* Logistics that is specially designed for configuration by the customer.

With the *PSI Metals* Logistics base package, a few clicks and guided by dialogues, users can basically configure their logistics solution without any complicated programming. This includes mapping the warehouse topology, warehouse strategies and integration into a crane coordinate system. When processes change, adjustments can be made independent of PSI. The base package is designed so that other functions of *PSI Metals* Logistics can be added at a later point in time.

The advantages of starting a logistics project with the *PSI Metals* Logistics base package are as follows:

- Low investment costs
- Ready to operate in the shortest possible time
- No assistance required for changes
- Fast exploitation of potential for optimisation
- Functional scalability: start small, optimise later and automate

Are you interested in the *PSI Metals* Logistics base package? [Contact us!](#)

Latest Orders

Vallourec, US: *PSI Metals* as the Manufacturing Execution System (MES) for the new small diameter rolling mill at the Youngstown, Ohio, USA. Vallourec is already successfully using *PSI Metals* at plants in Europe, South America and also in North America in the future. | [more...](#)

VIZ-Stal, Russia: *PSI Metals* for the electrical steel plant in Yekaterinburg. VIZ-Stal will use the components *PSI Metals* Planning, *PSI Metals* Production and *PSI Metals* Quality within the whole steel plant. | [more...](#)

Shougang, China: *PSI Metals* for the planning of two steel making plants and two hot rolling mills at Shougang Qian'An Iron and Steel Co., Ltd.. The implementation will be done by PSI Information Technology Co., Ltd.. | [more...](#)

Vyksa Steel, OMK Group, Russia: *PSI Metals* Planning for the new heavy plate rolling mill of the Russian OMK group at the Vyksa site for the manufacture of long-seam welded pipes. PSI Metals has been contracted by SMS Siemag. | [more...](#)

PSI Metals Company News



New Production Division Manager for Non Ferrous: Since January Michael Traeger will assume the management of the production department at PSI Metals Non Ferrous GmbH. In several prior management positions he has been responsible for the introduction of process control systems and SAP solutions for the aluminum and copper industries. A further area of his expertise lies in consulting for business process re-engineering. Michael Traeger studied mathematics at RWTH Aachen University, Germany.



New subsidiary in the USA: To strengthen the activities in the North American market [PSI Metals North America Inc.](#) was founded at the beginning of 2011. Main focus of the new subsidiary is to support PSI customers in Canada and the USA and to offer the complete *PSI metals* solution. To improve customer's support with local staff resources, PSI Metals North America Inc. has started with an expert team of senior metals software consultants and sales professionals. It is intended to grow this team rapidly in accordance with the business development. The Pittsburgh office will be led by Harald Henning, Director of PSI Metals North America.



Change of address in Linz/Austria: PSI Metals Austria GmbH (before AIS Advanced Informations Systems GmbH & Co KG) has moved to new office rooms at Linz location. Effective January 24, 2011 the Linz office is located in **Lunzerstrasse 64**. Further address details as well as description of how to go there you can find on our website www.psimetals.com.

Events



AISTech 2011: 3rd May, 3pm – Session 'Coke Plant Technology'

PSI will participate within the technical sessions of the conference. Together with our partner Uhde we will present a report about '*Fulfilled Environmental Specifications by a Comprehensive Coke Plant Operation Management*' within the session 'Coke Plant Technology (Cokemaking)'. www.aist.org/aistech



Aluminium Dubai: 9 – 11 May

PSI Metals Non Ferrous GmbH will be presenting their production management solutions dedicated to the aluminum industry at the Aluminium Dubai, the leading exhibition for aluminum products, technologies and investments in the Middle East. PSI will present their solutions within the **Made in Germany Pavilion on Stand H118**.

Aluminum smelters and rollers benefit from optimized batch compositions, improved scrap usage and reduced stocks as well as lower energy consumptions. Specialized scenarios for casting and rolling will be presented to show where potentials can be tapped. [PSI at Aluminium Dubai](#)



SEASI Conference: 23 - 26 May

The South East Asia Iron and Steel Institute (SEASII) will held their annual conference in the Resorts World™ Sentosa, Singapore. The main theme of the conference is "ASEAN Steel Industry: Gateway to Strategic Growth". PSI is one of the presenters and will show a report about '*Production Management Solutions in Steel Plants of South East Asian Region*'. www.seasi.org/events



METEC: June 28 to July 2

PSI Metals will exhibit in hall 5, stand B03. We will present our **PSI metals cockpit** to provide an integrated and holistic view of production processes across all areas of a factory. Different scenarios as for iron making, steel making, rolling and others will show how local process deviations may influence planning, production and logistics targets in other plant areas.

Make an appointment today and we will send you your free tickets to the METEC fair. www.psimetals.de/en/metec-tickets

Please also note our presentations at the accompanying conference **In-**

SteelCon from June 27 till July 1 at Congress-Center Duesseldorf (CCD). METEC InSteelCon combines the four industry conferences ECIC, ECCC, STEELSIM and EECRsteel. PSI Metals is presenting at all conferences.

You will find dates and topics of our presentations on our website
www.psimetals.de/en/metec-papers

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