

HIMA-SELLA

Steel

S A F E T Y C O N T R O L & A U T O M A T I O N S Y S T E M S



your **safety**... our **future**

Steel



Innovative, Reliable Solutions for the Steel Industry...

For over 30 years **Hima-Sella** has been actively involved in the design and delivery of countless control, safety and automation systems to the Steel industry.

Hima-Sella's work in the steel industry is bringing a fresh perspective on how technology and good ideas can impact on processes that have existed for so long.

Our skill is to offer flexible joined up solutions that use the best engineered products with applied intelligence of our expert engineering team to achieve full potential of clients systems to agreed cost effective targets. All covered by our quality standards and international standards governed by IEC 61508 for Functional Safety Management.

Backed up by many years of experience in the radio remote control business, Hima-Sella supplies proven products, which provide complete solutions certified to the latest international standards for functional safety (EN 954-1 for crane-related applications and EN 50239 for rail applications).



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Consequently, **Hima-Sella** is ideally placed to supply you with some of the most reliable and cost effective products on the market.

Typical applications supplied by Hima-Sella to the Steel industry include:

- Radio Remote Control Systems
- Cranes and Shunting Locomotives Control
- Clay Gun / Tap Hole Drill Control Systems
- Burner and Furnace Management Systems
- Safety Shutdown Systems
- Control Panels
- SCADA Systems
- Bogie and Transfer Cars
- Plant Monitoring
- Mimics and Displays

The following examples illustrate our range of applications and projects undertaken in the UK:

Corus Scunthorpe

- Radio Control of Locomotives
- Radio Control of Cranes
- Shunting Robot for Long Rail Loading
- Remote Control of Silos
- Coke Oven Gas Booster Control and Safety System
- Fire Protection Gas Booster Control and Safety System

Corus Teesside

- Radio Control of Clay Guns
- Radio Control of Tap Hole Drills
- Radio Control of Cranes
- Radio Control of Bogies, Beam Mill
- Radio Control and Data Logging of Locos

Corus Port Talbot

- Fail Safe RFID Based Coke Oven Interlocking System
- Radio Control of Locos
- Radio Control of Cranes
- Radio Control of Clay Guns / Tap Hole Drills
- Remote Control of Coke Oven Extractor Fans
- Fail Safe Remote Control of Stock Yard Stacking and Reclaiming Machines
- Remote Control of Barrel Reclaimer
- Control Desks for Blast Furnace Control
- Hot Mill Furnace Shut Down System



Hima-Sella has also supplied the following systems to steel works in countries including India, Taiwan, Korea and China:

- Radio Control of Clay Guns
- Radio Control of Tap Hole Drills
- Control Desks for Blast Furnace Controls
- Radio Control of Locos

Hima-Sella uses the very latest technology, and combined with extensive systems integration skills, meets the demand for scaleable safety and control solutions without compromising safety requirements.

Hima-Sella offers a comprehensive range of post installation technical support and training to fully support the systems we have installed.

Hima-Sella



Located in Stockport, Cheshire **Hima-Sella** has easy access to the motorway network, mainline railways and Manchester International Airport. **Hima-Sella** has custom built offices and workshops providing:

- **Consultancy** Feasibility • Risk Assessment • Reliability Studies
Whole Life Costing
- **Project Management** On time delivery of project • Regular customer contact
Agreed milestones to monitor progress
- **Design** Detailed Design • Functional Logic • Auto CAD
- **Engineering** Functional Design Specification • Safety Requirements
Safety Requirements Specification
- **Manufacturing** Panel Build • System Build • System Integration
- **Testing** In-house • Factory Acceptance Testing • Site Acceptance Testing
- **Commissioning** System Inspection • Support during Startup
- **Technical Support** 24 hour call out support • Upgrades/Modifications
Maintenance (IEC 61508 life cycle)
- **Training** Hardware/Software Design • Maintenance and Servicing
Customised courses



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