CELSA Manufacturing
Environmental Statement 2013
Steel Recycling
This report covers production years 2008 to 2012
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This is our fourth Environmental Statement, following EMAS registration in 2009, and it covers the year of 2012. The market conditions for the steel sector remain exceptionally challenging, but you will see that we maintain our focus of continual improvement in our Environmental, Health and Safety performance.

As our mission statement confirms, ‘we are an environmentally focused steel making company’ and all businesses operating under the CELSA Group brand are required to take account of the environmental, social and economic consequences in their day to day decision making and practices.

At CELSA ‘we fight for results’ and most of the objectives and targets that we set ourselves for 2012 have been met. Those that haven’t were, in the main, directly related to market performance effects, which is a testament to the commitment of all of our employees and that of our service contractors. Although continual improvement is strongly demonstrated throughout the business it is our perseverance to achieve results that allows us to achieve the level of results that are needed for a sustainable business with an environmental focus.

CELSA is a recycling company and low carbon energy intensive manufacturer. CELSA contributes significantly to the preservation of the environment by using the most sustainable steel production technology, recycling end of life steel and manufacturing totally recycled steel products. Steel produced in this way consumes only a third of the energy and emits only one sixth of the CO₂ when compared with other steelmaking processes. In addition, 95% of the waste by-products arising from the process are either recycled or reused.

CELSA was the first company to have all its products accredited to the Eco-Reinforcement responsible sourcing standard and its parent standard BES6001, the BRE environmental and sustainability standard for responsible sourcing of construction products. EMAS registration and the publication of this statement reinforces the demonstration of our environmental focus.

Energy efficiency is naturally at the forefront of our business and our Melt Shop is one of Europe’s lowest emitters of Carbon Dioxide per tonne of Steel produced. 2012 saw us continue to improve with 270 kg CO₂/Tonne of steel produced, against 276 kg CO₂/Tonne in 2011 and against a benchmark of 283 kg CO₂/Tonne representing the best 10% of EAF steelmakers in Europe.

The use of modern and the best available techniques, empowering people through involvement and teamwork and satisfying our customers will enable us to achieve our ambitious environmental performance targets. Continual improvement in these aspects of our business is not only my personal wish, but it remains our strategic goal for a sustainable company.

Luis Sanz Villares
General Manager
Appointed November 2010

INTRODUCTION

EMAS
This document has been prepared by CELSA Manufacturing UK Ltd (CELSA Steel UK) in accordance with the requirements of the Eco Management & Audit Scheme (EMAS) as set out in European Council Regulation 1221/2009. EMAS is a voluntary scheme designed to recognise and reward those organisations that go beyond minimum legal compliance and continuously improve their environmental performance, therefore demonstrating ‘green’ credentials. It was initially established by European Regulation 1836/93, although this has been replaced by Council Regulation 1221/2009. It is a requirement of the scheme that participating organisations regularly produce a public Environmental Statement that reports the organisation’s environmental performance clearly and accurately.

The accuracy and reliability of the information in this voluntary publication must be checked and certified by an independent environmental verifier.

This document is the Environmental Statement of CELSA’s environmental attributes and environmental performance for the period 2008 to 2012. All the information is independently verified for accuracy, and a statement of confirmation is provided by the verifier at the end of the document.

ECO-REINFORCEMENT & BES 6001
As part of CELSA’s contribution to sustainable construction practices and sustainable development objectives, CELSA’s products are accredited to the Eco-Reinforcement Responsible Sourcing Standard (Issue 2, Eco-Reinforcement Ltd 2009) and to the Eco-Reinforcement parent standard, BES 6001, the BRE Environmental & Sustainability Standard for the Responsible Sourcing of Construction Products (Issue 2, BRE Global Ltd 2009). This Environmental Statement has also been written in accordance with the higher level requirements of both the Standards.

In November 2011, CELSA improved its Eco-Reinforcement certification rating, rising from ‘Pass’ to ‘Good’, whilst also attaining BES 6001 certification for all other steel products manufactured in Cardiff, which also achieved a ‘Good’ rating. The improvement in rating is an indicator of the continuous improvement Celsa has accomplished following its commitment to implementing EMAS, and the progress realised through certification to the Eco-Reinforcement standard.

CELSA GROUP
CELSA was founded in Barcelona in 1967 with its first rolling mill. A decade later an electric arc furnace started producing steel at the Barcelona plant. The CELSA GROUP™ grew through reinvestment and successive acquisitions to become a well recognised brand in steel manufacture.

CELSA ranks amongst the top 40 steel-producing companies in the World as well as one of the most diversified European long products producer.

CELSA has a diverse range of steel production and processing operations strategically positioned across Europe to both maximise our competitive spread and to reduce our transportation impacts.

The CELSA group of companies employ about 7000 people across Europe, operating from 7 steel plant locations and numerous downstream fabrication units.

At CELSA we take our responsibilities seriously. We believe in people and are committed to the health, safety and development of our employees and communities in which we operate.

We believe in sustainable development and are committed toward the ongoing improvement in managing the environment and in supplying sustainable products. We believe in integrity and are committed to managing all aspects of our business with honesty and transparency.

We believe in people and are committed to the health, safety and development of our employees and communities in which we operate.
CELSA GROUP MISSION

CELSA group is the most diversified European private steelmaking group in long products.

Our purpose is:
• To satisfy all its customers with quality products and excellent and direct service.
• To be a competitive, profitable and innovative group leading the target markets and achieving sustained growth, by being an efficient, flexible and dynamic organisation.

We believe in:
• Our people, their effort and professional and personal development and teamwork.
• Continuously improving all our processes and activities and the permanent updating of our technology.
• Managing and operating our business in an ethical, safe and environmentally responsible manner.

By working together in this way, we will achieve a sustainable company and maintain international presence for the benefit of all concerned.

CELSA GROUP VISION

• We lead by example.
• We are responsible for Safety. We are a role model for our teams. We lead others to follow through our actions or initiatives.
• We inspire trust in our teams. We follow our standards to resolve important issues. We honour our values and respect our Ethical Code of Conduct.
• We don’t wait for solutions, we create them. We demonstrate the courage to do what is right despite possible difficulties.

CELSA GROUP VALUES

• We live for our customers
• We feel like owners
• We respect people and teamwork
• We are sharp and flexible
• We lead as ground-breakers
• We fight for results!

CELSA MANUFACTURING UK (LTD)

CELSA Manufacturing (UK) Ltd (CELSA) was acquired by the CELSA Group in 2003. CELSA is the largest producer of steel reinforcement in the United Kingdom and one of the largest producers of other long steel products.

Our facilities at Cardiff comprise a new state of the art melt shop built in 2006, and two hot rolling mills: one for rolling reinforcing products and wire rod, the other for rolling merchant bar and light sections.

We manufacture and deliver approximately 1.1 million tonnes of finished product annually, mostly for the UK and Irish markets.

We employ approximately 425 staff as well as several hundred sub-contractors in South Wales and see our business as an important supporter and member of the local community.

CELSA is dedicated to being a sustainable producer. All of the steel we produce in our melt shop is produced from scrap metal using the electric arc furnace (EAF) process – we are a steel recycling plant.
SOURCING, MANUFACTURE AND SUPPLY

PRIMARY RAW MATERIALS
The primary raw material used in the production of our steel is ferrous scrap metal which contributes in excess of 98% of the constituent raw materials by mass and volume.

SECONDARY RAW MATERIALS
Other consumables include the mineral additions of ferro-alloys, coke and lime, which are added to control the chemistry and remove impurities from the molten steel.

ENERGY
The use of energy in the form of electricity, natural gas and carbon additions is significant and is central to the process of recycling steel.

BY-PRODUCTS
By-products formed during the melting process include lime slag which is utilised as a secondary aggregate, dust utilised for zinc extraction and mill scale which is used in the manufacture of ferro-alloys and cement.

WASTE
Whilst we generate large volumes of waste, both hazardous and non-hazardous we currently recycle or reuse over 95% of the wastes that we generate.

EMISSIONS TO AIR
Emissions of CO\textsubscript{2} are significant due to the combustion of carbon bearing sources such as natural gas, coke and carbon. Also, the consumption of natural gas in our processes results in the release of SO\textsubscript{x}, NO\textsubscript{x}, and CO.

FINISHED PRODUCTS

Reinforcing bars
For the reinforcement of concrete (Grade 500C)

High Yield Coils
For the reinforcement of concrete (Grade 500C)

Flat bars
With various applications including construction, transport and machinery.
EMISSIONS TO WATER
The water used in our cooling systems undergoes chemical treatment to prevent corrosion, the formation of legionella and to remove sludge. Stringent limits are placed on the quality of the water released from our systems and regular monitoring enables us to meet these requirements.

FINISHED PRODUCTS
We produce a range of steel products predominantly for the construction sector, but also with various other applications.

TRANSPORTATION
Our raw materials and our finished products require transport either by road, rail or sea. We are constantly working on ways to minimise the impact of transport by using rail wherever possible.

Channels, Parallel, Tapered Flange & UPN
Typically used in composite steel construction.

Wire Rod
For the production of reinforcing mesh & other applications including wire drawing.

Plain round bars
With various applications including construction.

Equal & Unequal Angles
Typically used as a structural steel element in construction.
Steel is almost 100% recyclable and can be recycled indefinitely without losing its quality, it can be efficiently and easily recovered for recycling from mixed waste streams.

There are currently two technologies for producing steel: that used in blast furnace plants which utilise iron ore to create new steel, and that used in electric furnaces which recycles steel scrap metal into new products.

One tonne of steel that is made from recycled scrap using an electric furnace, compared with primary steel manufacture saves:
- 1,350 tonnes of Iron ore;
- 450kg of coal; and
- 20kg of limestone compared to primary steel manufacture from iron ore.²

Typically, the electric furnace process:
- Emissions to air and water are reduced by approximately 80%.³

CELSA has one of the lowest Carbon Dioxide per tonne of Carbon Steel (CO₂/tCs) rates for EAF steelmaking in Europe.

CELSA – 2012
Direct emissions
0.054 tonne CO₂ / tonne steel
Direct and Indirect emissions
0.270 tonne CO₂ / tonne steel

The arithmetic average of the top 10% most efficient installations, after verification⁴, is as follows:

Direct emissions
0.061 tonne CO₂ / tonne steel
Direct and Indirect emissions⁵
0.285 tonne CO₂ / tonne steel

² CELSA Armeringsstål AS Mo I Rana Environmental Statement 2009 in accordance with EMAS Regulations.
³ CELSA Armeringsstål AS Mo I Rana Environmental Statement 2009 in accordance with EMAS Regulations.
SUSTAINABILITY AND SUSTAINABLE MANUFACTURING

WHAT IS SUSTAINABILITY?
Sustainable development/sustainability is based on the commitment to meet the needs of today without compromising the quality of life for society today and tomorrow.

Sustainability focuses on the balance of three areas:
• Maintenance of economic growth and employment
• Social progress, recognising the needs of everyone (employees and community)
• Effective protection of the environment, now and in the future, including preserving natural resources for future generations

WHAT DOES SUSTAINABILITY MEAN TO CELSA UK?
For the companies operating under the CELSA GROUP™ brand it means taking into account the environmental, social and economic consequences of the strategic decisions taken in our day to day tasks.

The principles of sustainability have been adopted into the CELSA UK business strategy and are reflected in the CELSA UK Mission, Vision and Values.

CELSA UK MISSION
We are an environmentally focused steelmaking company, part of CELSA UK Holdings.

Our mission is:
• To be sustainable: economically, socially, environmentally
• To be ahead of our competitors.

We are all committed and believe in:
• Working in a safe, ethical and environmentally responsible manner
• Empowering people by involvement, participation and teamwork
• Satisfying our customers by gaining a full understanding of their needs and providing an excellent service and a wide range of quality products
• Continuously improving our processes, activities and technology in order to be cost competitive.

Through this we will deliver a sustainable future for all our stakeholders.

CELSA UK VISION
Our vision is:
• To be the first choice for the customers and other stakeholders; efficient with sustained profitability and leaders in safety and environment in our Sector.

CELSA UK MANUFACTURING UK VALUES
• We fight for results!
• We live for our customers
• We feel like owners
• We respect people and teamwork
• We are sharp and flexible
• We lead as ground-breakers
• We lead by example
HOW DOES CELSA MEET THE REQUIREMENTS OF SUSTAINABILITY?

At CELSA we see sustainability and sustainable practices as an integral part of our business strategy. We consider the environment, people and community in balance with the economics of our business and this is demonstrated in the following manner:

• CELSA is committed to continual improvements in all of its activities, products and services to minimise or eliminate any adverse impacts to the environment. We have operated an Environmental Management System (EMS) certified to ISO 14001 since July 2005.

• CELSA is registered under the Eco-Management and Audit Scheme (EMAS), which is a voluntary scheme designed to improve companies’ environmental performance.

• As a sustainable steel producer, CELSA is committed to responsible sourcing of constituent materials, by manufacturing and supplying products to customers in a responsible manner. Our merchant bar and light section products are certified to the BES 6001 standard, and our reinforcing products are certified to the Eco-Reinforcement Responsible Sourcing Standard both of which have been developed by the Building Research Establishment (BRE).
Whereas achieving this accreditation was a long and sometimes arduous process, the ability to now differentiate ourselves as not just market leaders, but sustainable market leaders has put CELSA in a prized and invaluable position when it comes to winning major contracts in which sustainability and responsible sourcing are key drivers.

Luis Sanz
CELSA’s General Manager

CELSA recognises that its people are paramount to the success of the company and are committed to ensuring the highest standards of Health, Safety and welfare for our employees. We have operated a Safety Management System certified to British Standard (BS) OHSAS 18001 since March 2009.

CELSA is committed to providing its customers with a diverse range of high quality steel products. Each product and process is subject to stringent quality control to ensure that products conform to British and European Standards through CARES approval and CE marking. CELSA’s Quality Management System is certified to ISO9001.

Health & Safety Policy

Quality Policy
CASE STUDY
CELSA & BRC

THE ROYAL WELSH COLLEGE OF MUSIC AND DRAMA EXTENSION

Costing £22.5M the extension to the prestigious Royal Welsh College of Music and Drama was indeed a victory for local responsible sourcing.

A combination of CELSA UK, BRC LTD and Thames Valley Construction, three South Wales based companies, delivered the reinforcing steel for the project.

BRC LTD won the contract on not only fulfilling the responsible sourcing and sustainability requirements, but exceeding them. This coupled with the fact that the entire supply chain is based in south Wales, became a very attractive concept.

From conception to erection the steel travelled less than 40 miles from CELSA UK in Cardiff to BRC in Newport, before being delivered to Thames Valley Construction on the central Cardiff site. CELSA UK and BRC LTD continue to be on the forefront of sustainable sourcing, with constantly improving their Eco-Reinforcement rating as certified in accordance to BES 6001.
CELSA recognises that, like any manufacturing business, its activities can have both direct and indirect impacts upon the environment and in some cases these impacts have the potential to be significant if not properly managed.

CELSA has carefully evaluated and identified through its ISO14001 Environmental Management System the aspects of its business activities that could have an environmental impact. CELSA aspects are evaluated to determine their significance and reviewed on an ongoing basis. These are summarised as follows:

**USE OF RAW MATERIALS**
We produce over 1,000,000 tonnes of steel every year and this utilises large volumes of raw materials in the process, including ferrous scrap, and mineral additions such as ferro-alloys and lime, as well as consumables like refractories and electrodes. CELSA carefully manage their raw materials to ensure that they are responsibly sourced taking account of their environmental impact and used efficiently to avoid waste.

**USE OF ENERGY**
As part of the metal recycling process a significant amount of energy is used in the form of electricity, natural gas and carbon additions. We are careful to ensure that our processes are efficient so as to minimise the use of energy and to avoid waste.

**USE OF WATER**
During the production process of recycling steel water is used for process and product cooling. Some cooling water is lost by evaporation in cooling towers. This is an unavoidable loss but we work hard to minimise the use of water to ensure that we exceed the standards laid down for our processes, by harvesting as much rainwater as possible.

**EMISSIONS TO AIR**
During the process of recycling steel scrap into new steel, large quantities of dust laden fumes are generated. These fumes are captured and filtered to remove as much dust as possible but some particles will escape to air. Natural gas is also used in our processes and products of combustion (SOX, NOx, and CO) are released to air.

SIGNIFICANT ENVIRONMENTAL ASPECTS

We are careful to ensure that our processes are efficient so as to minimise the use of energy and to avoid waste.
EMISSIONS TO WATER
Process water cooling systems normally involves closed circuit cooling systems, which minimise releases to water. However these systems require the use of chemical treatment to prevent corrosion, stop the formation of legionella and allow the removal of sludge. Periodically we have to drain the systems down to the sewer system or to controlled waters which we try to keep to a minimum.

PRODUCTION OF CO₂
The on site production of CO₂ is significant and comes from the combustion of carbon bearing sources such as natural gas, coke and carbon. We also have to consider the CO₂ that is created from the generation of the electricity that we use in our processes.

USE OF OILS AND GREASES
As with most mechanical processes we have to use lubricants and hydraulic oils. As these are mostly hydrocarbon based we try to minimise their use to avoid the depletion of natural resources, and to avoid the disposal impact of hazardous waste.

GENERATION OF WASTE
Invariably waste, both hazardous and non-hazardous, is generated from the processing of scrap metal. Over 95% of the wastes produced are recycled, recovered or re-used.

TRANSPORTATION
All our raw materials and finished products require transport either by road or by rail. We continuously evaluate ways to minimise the impact of transport and use rail wherever possible.

IMPACT OF NOISE
Our processes are that of heavy industry and can generate some noise. We continuously work to reduce the impact of noise on the local community.

Over 95% of the wastes produced are recycled, recovered or re-used
EMISSIONS AND LEGAL COMPLIANCE

CELSA recognises that its business has a potentially large environmental footprint that could impact upon the environment if not managed effectively.

Due to the nature of the manufacturing process there is a requirement for each operation to be permitted under the UK Environmental Permitting regime and is regulated by Natural Resources Wales. CELSA monitors its compliance against the emission limit values and discharge consents in accordance with each of the permit requirements.

Environmental data relating to CELSA’s Environmental Permits is reported to Natural Resources Wales. Information can be found from the Environment Agency’s web site at www.naturalresourceswales.gov.uk.

Whilst CELSA has not had any significant environmental incidents, but there have been a small number of notifiable incidents which, in accordance with the Environmental Permits require notification to Natural Resources Wales. These events have been limited to fugitive releases of dust from the Melt Shop, breaches of permitted limits for carbon monoxide and particulates. CELSA in all such cases has been proactive in identifying the cause of such incidents and for investigating and implementing corrective measures.

For those aspects of CELSA’s operations that represent the greatest potential for negative environmental interaction (emissions to air, land and water and energy consumption), the table opposite shows typical levels of these emissions and discharges relative to our permitted limits.

CELSA holds the following permits/authorisations:

**NEW MELT SHOP AND MINERAL SITE:**
- Environmental Permit (EPR/TP3639BH);
- Trade Effluent Discharge Consent (TE147G);
- Licence to Abstract Water (21/57/25/0048)

**ROD AND BAR MILL:**
- Environmental Permit (EPR/BV0759IC);
- Licence to Abstract Water (21/57/25/0048)

**SECTIONS MILL:**
- Environmental Permit (BV0767IT);
- Trade Effluent Discharge Consent (TE147F)

6. As of the 1st April 2013 a new environmental regulatory body called Natural Resources Wales (NRW) was established to cover duties previously carried out by the Environment Agency in Wales. However, some regulatory functions are continuing at present by the Environment Agency. Each regulatory body is reference where applicable in this document.
### PERFORMANCE AGAINST PROCESS EMISSION LIMITS

**TYPICAL EMISSIONS**

<table>
<thead>
<tr>
<th>STEELMAKING</th>
<th>EMISSIONS TO AIR</th>
<th>Units</th>
<th>Process Limit</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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<tbody>
<tr>
<td>Particulates</td>
<td>mg/m³</td>
<td>10</td>
<td>1.09</td>
<td>2.62</td>
<td>0.65</td>
<td>3.9</td>
<td>2.3</td>
<td></td>
</tr>
<tr>
<td>CO</td>
<td>mg/m³</td>
<td>100</td>
<td>43.4</td>
<td>51.5</td>
<td>22.2</td>
<td>56</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>NOₓ</td>
<td>mg/m³</td>
<td>25</td>
<td>20.2</td>
<td>24.8</td>
<td>6.2</td>
<td>17</td>
<td>9.5</td>
<td></td>
</tr>
<tr>
<td>SOₓ</td>
<td>mg/m³</td>
<td>25</td>
<td>16.4</td>
<td>17.4</td>
<td>4.3</td>
<td>8.6</td>
<td>16</td>
<td></td>
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<tr>
<td>Dioxins</td>
<td>ng/m³</td>
<td>25</td>
<td>0.23</td>
<td>0.113</td>
<td>0.15</td>
<td>0.19</td>
<td>0.26</td>
<td></td>
</tr>
<tr>
<td>VOC</td>
<td>ng/m³</td>
<td>0.3</td>
<td>15.9</td>
<td>2.6</td>
<td>1.53</td>
<td>2.3</td>
<td>2.1</td>
<td></td>
</tr>
</tbody>
</table>

**EMISSIONS TO SEWER**

| Suspended solids | mg/l  | 30 | 27 | 11 | 16 | 11.78 | 10.00 |
| Oils and greases | mg/l  | 5 | 4 | 4 | 4 | 4 | 4 |
| Iron compounds  | mg/l  | 5 | 0.12 | 0.08 | 2.44 | 0.0001 | 0.23 | 8.7 |
| pH             | no units | 6 to 10 | 8.7 | 8.6 | 6.9 | 8.72 | 8.7 |

**EMISSIONS TO AIR**

<table>
<thead>
<tr>
<th>SECTIONS MILL</th>
<th>EMISSIONS TO AIR</th>
<th>Units</th>
<th>Process Limit</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
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<tbody>
<tr>
<td>NOₓ</td>
<td>mg/m³</td>
<td>400</td>
<td>217</td>
<td>209</td>
<td>243.1</td>
<td>266.4</td>
<td>250.3</td>
<td></td>
</tr>
<tr>
<td>SOₓ</td>
<td>mg/m³</td>
<td>100</td>
<td>3.1</td>
<td>6.6</td>
<td>6.3</td>
<td>3.7</td>
<td>2.1</td>
<td></td>
</tr>
</tbody>
</table>

**EMISSIONS TO AIR**

<table>
<thead>
<tr>
<th>ROD AND BAR MILL</th>
<th>EMISSIONS TO AIR</th>
<th>Units</th>
<th>Process Limit</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOₓ</td>
<td>mg/m³</td>
<td>400</td>
<td>311</td>
<td>276.5</td>
<td>302.2</td>
<td>255.2</td>
<td>205.8</td>
<td></td>
</tr>
<tr>
<td>SOₓ</td>
<td>mg/m³</td>
<td>100</td>
<td>0.8</td>
<td>5.1</td>
<td>N/R</td>
<td>N/R</td>
<td>N/R</td>
<td></td>
</tr>
</tbody>
</table>

**EMISSIONS TO WATER**

| Suspended solids | mg/l  | 80 | 53.58 | 52.6 | 8.75 | 15.63 | 4.83 |
| Oils and greases | mg/l  | 5 | 2.36 | 1.96 | 4.00 | 4.5 | 4.0 |
| pH              | no units | 6 to 9 | 7.47 | 7.4 | 7.31 | 7.74 | 7.84 |
| Cl              | mg/l  | 0.1 | 0.04 | 0.02 | 0.04 | 0.06 | 0.05 |
| Fe              | mg/l  | 10 | 1.26 | 2.29 | 0.74 | 1.49 | 0.26 |
| Cr              | mg/l  | 0.2 | 0.0027 | 0.00024 | 0.0012 | 0.0013 | 0.0018 |
| Ni              | mg/l  | 0.2 | 0.06 | 0.06 | 0.09 | 0.10 | 0.02 |
| Zn              | mg/l  | 2 | 0.03 | 0.01 | 0.02 | 0.04 | 0.02 |

Note – the process averages indicated are derived from either the annual report or the quarterly report averages made to Natural Resources Wales as required in the permits to operate.

N/R – No longer reportable post 2009.

Further and more detailed technical information on the reports made to Natural Resources Wales is available on the Environment Agency website as part of the Pollution Inventory which is publicly available by looking at ‘What’s in my Backyard’ on the Environment Agency website www.environment-agency.gov.uk.
OBJECTIVES AND TARGETS

As part of CELSA’s Environmental Management System, CELSA has identified all of its potentially significant environmental aspects, whilst considering its legal requirements.

Objectives and Targets are set on an annual basis to deliver continual improvement in the management of these environmental aspects.

CELSA’s governance of environmental issues goes beyond compliance with regulatory requirements and the company commitment to EMAS is evidence of this strive to operate our business in an environmentally responsible manner. This is demonstrated through the setting of targets that deliver continued environmental performance.

2012 OBJECTIVE AND TARGETS PERFORMANCE

MELT SHOP (MS)
- Reduce general waste disposal (tonnes) by 5% compared with 2011. The Melt Shop exceeded the 5% target.
- Reduce total energy (kWh/tonne) by 3% compared with 2011. At the Melt Shop we have made some efficiency changes to our process and in particular the method for putting scrap into the furnace. We saw a reduction in the gas and electricity consumption but unfortunately not in the overall total energy consumption and therefore CELSA were not able to achieve the 3% target reduction for total energy.
- Minimise noise complaints compared with 2011. The Melt Shop achieved a 100% reduction in noise complaints. Last year noise management procedures and ‘quiet’ scrap handling methods were continued to be successfully implemented.

ROD & BAR MILL (RBM)
- Reduce lubricating oil consumption (litres) by 5% compared with 2011. The RBM exceeded the 5% target.
- Reduce general waste disposal (tonnes) by 5% compared with 2011. The RBM exceeded the 5% target.
- Reduce hazardous waste disposal (tonnes) by 5% compared with 2011. The RBM exceeded the 5% target.
- Reduce electricity consumption (kWh/tonne) by 5% compared with 2011. The RBM exceeded the 5% target.
- Reduce gas consumption (kWh/tonne) by 5% compared with 2011. The RBM exceeded the 5% target.

SECTIONS MILL
- Reduce usage of Hydraulic Oil (closed systems oil) (litres/month) by 5% compared with 2011. The SM exceeded the 5% target.
- Reduce hazardous waste disposal (tonnes) by 5% compared with 2011. The SM exceeded the 5% target.
- Reduce electricity consumption (kWh/tonne) by 5% compared with 2011. A number of energy efficiency measures were introduced during 2012 and the SM achieved a 1.1% reduction. Unfortunately, due to the current economic situation, rolling plans have been to market demand and small orders which has meant that the SM has seen many size changes with many stop and starts in production. This has had a considerable effect on the energy consumption and mill energy efficiency. A further electricity reduction target has been set for 2013.
- Reduce gas consumption (kWh/tonne) by 5% compared with 2011. A number of energy efficiency measures were introduced during 2012 but the SM did not achieve a reduction in gas consumption. Unfortunately, due to the current economic situation, rolling plans have been to market demand and small orders which has meant that the SM has seen many size changes with many stop and starts in production. This has had a considerable effect on the energy consumption and mill energy efficiency. A further gas reduction target has been set for 2013.

LOGISTICS
- Increase Delivery of Scrap by Rail by 5%. Logistics CELSA did not achieve this target to increase delivery of scrap by rail. The reason being for not achieving the target was due to the need to meet the short-term dynamic demands to maintain supply of scrap.
- Increase delivery of Finished Product by Rail 5%. Logistics CELSA did not achieve this target to increase delivery of finished product by rail. The reason being for not achieving the target was due to the need to meet the short-term dynamic demands of our customer requirement.
MELT SHOP
• Reduce total energy (kWh/tonne) by 5%
• Reduce general waste (tonnes) by 5%
• Reduce hazardous waste (tonnes) by 5%
• Minimise noise complaints
• Minimise fugitive emission complaints

ROD & BAR MILL
• Reduce lubricating oil consumption (litres) by 5%
• Reduce general waste disposal (tonnes) by 5%
• Reduce hazardous waste disposal (tonnes) by 5%
• Reduce water consumption (m³) by 5%
• Reduce energy consumption (gas and electricity) (kWh/tonne) by 5%

SECTIONS MILL
• Reduce hazardous waste (tonnes) by 5%
• Reduce electricity consumption (kWh/tonne) by 5%
• Reduce gas consumption (kWh/tonne) by 4%

LOGISTICS
• Increase Delivery of Scrap by Rail by 2%

Note – where a % reduction is stated this will be measured against the 2012 years performance, unless specified.
The 2014 Objectives and Targets will be set at the next annual management review meeting which is scheduled for October 2013.

Dave Blockwell, Melt Shop Fabricator/Welder
ENERGY EFFICIENCY
The use of energy is one of the greatest environmental impacts. Energy efficiency is therefore fundamental to the business strategy and consumption of electricity and natural gas is continuously monitored and measured. Approximately 33% of electricity supplied to the plant comes from renewable sources.

Note – Melt Shop production is not displayed as energy per tonne as it is an intermediate product. Therefore the MWh/tonne for the Melt Shop is taken into account for the Rod & Bar Mill and Sections Mill products.

RAW MATERIALS EFFICIENCY
CELSA’s manufacturing operation is effectively a metal recycling process. The principal feedstock is steel scrap which is consumed in the process to make new steel, but there is a need to provide certain additives to achieve the right quality of new steel. The process is about 95% efficient with the only wastes being furnace flue dust, slag and millscale, each of which are materials that have other beneficial uses.

The raw materials data for the plant is summarised in the following graphs.
CASE STUDY
ROD & BAR MILL – ENERGY EFFICIENCY

The Rod & Bar Mill achieved a significant reduction in energy consumption during 2012

The CELSA Rod & Bar Mill has achieved more than a 5% reduction in electricity consumption and a 7% reduction in the gas consumption during 2012 compared with 2011.

During 2011, the Rod & Bar Mill team strategically focused on energy efficiency from the hot rolling mill to assist in delivering resource efficiency measures.

This achievement was made possible by the Strategic Energy Team and the RBM engineers. The focus included emphasis on process delays and furnace efficiency. These reductions were achieved by improved monitoring & measuring systems, including daily reporting on energy consumption. This allowed more ‘real-time’ monitoring of energy consumption and thus allowing ownership for shifts and quick responses to any anomalies in consumption. Other areas of focus from the team included reorganisation of the furnace heating strategies and modifications to the furnace heating zones as well as hot charging of billets to the furnace.

Steve Thomas, the Rod & Bar Mill Process Control & Automation Engineer comments: “One of the factors that contributed, in part, to the downward trend of our energy consumption was the engagement of the work force. Employees are more aware that conservation and a proactive attitude to energy consumption is a key factor to CELSA’s survival in a very competitive market place. Our goal for the future is to at least maintain, but hopefully increase the sense of ownership of energy conservation; and aggressively implement any equipment/software modifications to achieve even better results in the future!”

Combining data analysis with site process knowledge has refocused targeting and analysis to identify further areas for reducing energy consumption.

Energy Team, left to right: Darren Wood, Dave Morris, Iago Lopez, Keith Jones
**ENVIROMENTAL PERFORMANCE INDICATORS**

**CO₂ EMISSIONS**

CO₂ is produced as a direct result of energy usage, together with the carbon sources used in the steelmaking process. The primary sources of CO₂ are the use of electricity, natural gas and the carbon bearing materials used for steelmaking.

Emissions of CO₂ are determined by a combination of the EU Emissions Trading Scheme (EU-ETS) verified reporting data for the Melt Shop carbon mass balance, together with the UK Climate Change Levy Agreement (CCA) CO₂ standard emission factors. The indirect emission of CO₂ from the use of electricity is taken account of and included in the data shown.

### 3. Total CO₂ (all processes)

#### Tonnes CO₂

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO₂</td>
<td>440,000</td>
<td>420,000</td>
<td>400,000</td>
<td>380,000</td>
<td>360,000</td>
</tr>
<tr>
<td>Production</td>
<td>2,200,000</td>
<td>2,100,000</td>
<td>2,000,000</td>
<td>1,900,000</td>
<td>1,800,000</td>
</tr>
</tbody>
</table>

#### Tonnes steel produced

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>2,200,000</td>
<td>2,100,000</td>
<td>2,000,000</td>
<td>1,900,000</td>
<td>1,800,000</td>
</tr>
<tr>
<td>CO₂</td>
<td>440,000</td>
<td>420,000</td>
<td>400,000</td>
<td>380,000</td>
<td>360,000</td>
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<td>2,100,000</td>
<td>2,000,000</td>
<td>1,900,000</td>
<td>1,800,000</td>
</tr>
</tbody>
</table>

### 1. Emissions: Kg CO₂ / tonne of steel

**Rod & Bar Mill Products**

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod &amp; Bar Mill</td>
<td>500</td>
<td>450</td>
<td>400</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>Melt Shop</td>
<td>250</td>
<td>200</td>
<td>150</td>
<td>100</td>
<td>50</td>
</tr>
</tbody>
</table>

### 2. Emissions: Kg CO₂ / tonne of steel

**Sections Mill Products**

<table>
<thead>
<tr>
<th>Year</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sections Mill</td>
<td>500</td>
<td>450</td>
<td>400</td>
<td>350</td>
<td>300</td>
</tr>
<tr>
<td>Melt Shop</td>
<td>250</td>
<td>200</td>
<td>150</td>
<td>100</td>
<td>50</td>
</tr>
</tbody>
</table>
ENVIRONMENTAL PERFORMANCE INDICATORS

ATMOSPHERIC EMISSIONS

CELSA recognises that its processes have the potential for significant releases of atmospheric emissions, and it is an aspect of the business that is monitored and controlled very carefully. Potentially significant emissions are regulated through each of the Environmental Permits and measured and monitored to ensure that they do not exceed the maximum permitted emission limit values specified in the Environmental Permits which are determined in accordance with prevailing legislation. The Environmental Permits were granted and are rigorously enforced by Natural Resources Wales.

The total annual air emissions for NO\textsubscript{2}, SO\textsubscript{x}, Carbon Monoxide CO, Total Particulates [PM\textsubscript{10}] and CO\textsubscript{2} from 2006 are summarised in the graphs below:
WATER USAGE

CELSA recognises water is a precious resource and the manner in which it is consumed and treated can impact directly on the natural environment. CELSA takes its responsibility regarding water management very seriously to ensure that the use and consumption of water is controlled and minimised.

Water is used on the plants primarily for cooling purposes both in the making of steel and the re-rolling of it. All of our cooling systems are closed loop re-circulatory systems which minimise water usage, with the main losses being evaporation. We also harvest water extensively by collecting rainwater from the building roofs to supplement the use of treated raw water from the city water supplies. CELSA typically expects to be able to provide between 10 and 20% of its total water demand from this harvested rainwater.

Precise figures cannot be provided as the contribution from rainwater is determined by the incidence and duration of rainfall events which are of course highly variable.

ENVIRONMENTAL PERFORMANCE INDICATORS
ENVIRONMENTAL PERFORMANCE INDICATORS

Stringent limits are placed on the quality of the water released from our systems and regular monitoring enables us to meet these requirements.

### 3. Melt Shop wastewater quality – suspended solids and oils

<table>
<thead>
<tr>
<th>Year</th>
<th>Suspended solids</th>
<th>Oils and greases</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>2009</td>
<td>400</td>
<td>200</td>
</tr>
<tr>
<td>2010</td>
<td>300</td>
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<tr>
<td>2011</td>
<td>200</td>
<td>150</td>
</tr>
<tr>
<td>2012</td>
<td>100</td>
<td>50</td>
</tr>
</tbody>
</table>

* Kilograms discharged per year (average)

### 4. Rod & Bar Mill wastewater quality – suspended solids

* Kilograms discharged per year (average)

### 5. Sections Mill wastewater quality – suspended solids and oil

* Kilograms discharged per year (average)
Water used on the plants for cooling purposes requires treatment in order to prevent legionella, it is necessary to treat the water we use with biocides, as well as corrosion inhibitors and flocculants to aid in the removal of solids from the water. Stringent limits are set in the Environmental Permits and/or Consents to Discharge on the quality of the water that we can release from the systems. In order to meet these requirements we undertake regular monitoring of the effluent streams.

**ENVIRONMENTAL PERFORMANCE INDICATORS**

6. Melt Shop wastewater quality – iron compounds and pH

- Iron compounds
- pH

* Kilograms discharged per year (average)

7. Rod & Bar Mill wastewater quality

- Oils and greases
- Chloride
- Total metals
- pH

* Kilograms discharged per year (average)

8. Sections Mill wastewater quality – Total metals and pH

- Total metals
- pH

* Kilograms discharged per year (average)

Note: pH measured in pH units

9. Melt Shop wastewater discharged

Cubic metres (‘000s)

10. Rod & Bar Mill wastewater discharged

Cubic metres (‘000s)

11. Sections Mill wastewater discharged

Cubic metres (‘000s)
ENVIRONMENTAL PERFORMANCE INDICATORS

WASTE MANAGEMENT

Waste by-products are inevitably generated from the processing of metal scrap to new steel. These by-products are targeted for reduction as part of our resource efficiency.

As well as targeting reduction, CELSA endeavour to recover or reuse any waste generated where practicable. All wastes are appropriately segregated. Currently CELSA recover or reuse over 95% of waste generated and the remaining 5% is sent for disposal, with a small fraction of solid waste that is sent to landfill.

The principal routine waste streams that are generated by the business are:

RECOVERED/REUSED:
• Steel Slag – reused as a secondary aggregate
• Mill Scale – reused in the ferroalloy and cement industry
• EAF Dust – Recovery of zinc and other metals

WASTE
• Oily solids – sent to disposal facility
• Oily liquids – sent to disposal facility
• General waste – sent to non-hazardous landfill

Only small volumes of general waste are disposed to landfill.

![Graphs and Tables]
TRANSPORT IMPACTS

CELSA is committed to incorporating sustainability considerations into all of its manufacturing and business activities and recognises the need to balance the requirements of environmental, social and economic obligations with business growth aspirations.

Transportation and logistics is a key area where CELSA seeks to continuously improve and adopt more sustainable transportation options. CELSA utilises a range of transport methodologies including road, sea and rail, depending on the geographical location of its customers and transport network availability. Where possible more sustainable methods of transport such as rail and sea are adopted as the preferred method of moving our raw materials and finished products.

As part of the BES6001 and Eco-Reinforcement Standard requirements, CELSA calculates the transport mileage and CO₂ emissions by mode of transport for both its raw materials and finished reinforcing product deliveries. This data is presented in the graph above.

The data for all years has been prepared in accordance with the Guidelines to Defra / DECC’s GHG Conversion Factors for Company Reporting (2011).
Biodiversity

CELSA inherited an already heavily industrialised portfolio of sites with little or no green space and hence very limited opportunities for enhancement of biodiversity. Consequently this is not a key indicator for CELSA.

The approximate areas for each site are:

- Rod & Bar Mill (Castle Works) 184,244 m²
- Melt Shop and Sections Mill (Tremorfa Steel Works) 324,344 m²

Of these areas it is estimated that less than 1.0% are un-surfaced. As such, biodiversity at these sites is very limited and the sites have not been identified as important habitat sites. However, CELSA does contribute to local projects where biodiversity enhancement is a key component.

Wildlife Trusts Wales

CELSA has become Welsh Wildlife Partners with the Wildlife Trusts Wales as a way of meeting a number of its corporate social responsibility objectives. Our Gold membership supports conservation work, thereby helping to offset CELSA's impact on biodiversity.

Jon Cooper, Membership Development Manager of the Wildlife Trust of South and West Wales (WTSWW) on membership support has said: “Celsa has been supporting the Wildlife Trust of South and West Wales since 2010.

The partnership with the Wildlife Trusts Wales is appreciated on so many levels. By supporting our Wildlife Partnerships scheme you are not only directly helping the Wildlife Trust to preserve fragile native species and inspire new generations Wales-wide, you are also creating an important link between your employees and the astounding Welsh environment which surrounds us all. In linking with your staff with our conservation agenda you are broadening the potential for success in areas which are often overlooked.”
COMMUNITY AND EMPLOYEE ENGAGEMENT

OVERVIEW

At CELSA, we understand the effect that our operations may have on our local community. We have a plan to engage in a number of community and stakeholder initiatives and projects as part of EMAS.

Star Communities 1st

CELSA is a member of the Local Partnership Group (LPG) for Splott, Tremorfa, Adamsdown and Roath Communities 1st which is a Welsh Assembly Government flagship programme to improve the living conditions and prospects for people in the most disadvantaged communities across Wales. CELSA are continuing to work with STAR communities 1st to further develop partnership opportunities.

Green Bay Road Clean-Up

CELSA are continuing to work together with STAR Communities 1st with the improvement project for Greenbay Road area, in Tremorfa. The aim of this project is to improve the quality of the local area and remove fly-tipped rubbish and bulb planting.

Cardiff SE Neighbourhood Management Team

CELSA is now a member of the Cardiff SE Neighbourhood Management Team which provides a coherent structure for allowing organisations to work together within local areas. This multi-agency team shares local intelligence to solve problems for their particular neighbourhood. This means that a range of expertise from across different sectors is brought to bear on the issues that really matter to communities.

“CELSA over the last few months has become a member of the Cardiff SE Neighbourhood Management Team (NMT) working group. The NMT is a strong multi-agency forum which brings together the public services and the voluntary sector to facilitate joint working together in local areas to solve problems for their particular neighbourhood. Joining forces with the local private sector is an important development for the Cardiff SE NMT and we are beginning to forge a strong working relationship with CELSA. We look forward to working together over the coming year and to their support in helping us to improve the quality of life of people living in the local area.”

Nici Evans Partnership Development Manager, Cardiff Partnership Board.

Carbon Trust

CELSA is also working in partnership with the Carbon Trust to identify energy reduction measures which will help us to reduce our carbon footprint.

Cardiff Carbon Lite

As one of the largest energy consumers in Cardiff, CELSA are part of the Carbon Lite - Working Group Committee, whose objective is to reduce the carbon footprint of Cardiff City.
COMMUNITY AND EMPLOYEE ENGAGEMENT

Community and Employee Engagement Committee

CELSA has developed a community and employee engagement committee which examines initiatives and opportunities for community and employee engagement. Committee members are a team that represents a cross section of the Company to help and support the business commitment to EMAS by understanding the social and community issues that are relevant to the business; targeting, focussing and harnessing individual employee effort to maximise our engagement activities on local and community initiatives and projects.

The committee are very keen to develop initiatives that employees will enjoy and have a benefit to the community.

Initiatives that have been developed by the team include:

CELSA’s Annual Charity: Noah’s Ark Children’s Hospital Charity

During 2012 we asked our employees to nominate and vote for their favourite local charity which CELSA could support. The chosen charity was Noah’s Ark Children’s Hospital Charity.

Noah’s Ark Children’s Hospital Charity (Noah’s Ark) raise money to help the 100,000 vulnerable babies and children in Wales each year that need specialist and often life-saving treatment at the Noah’s Ark Children’s Hospital for Wales.

“The Noah’s Ark Children’s Hospital Charity will always be needed to provide the most modern, cutting-edge technology and add value over and above hard-pressed NHS budgets. 100,000 children in Wales each year are in need of specialist medical treatment and we will be there for them. That’s why we are thrilled to be the official charity partner of CELSA.”

Suzanne Mainwaring, Director, Noah’s Ark Children’s Charity.

To kick off our support for Noah’s Ark we raffled an authentic Welsh Rugby Union shirt. The monies raised were donated to the Noah’s Ark. The winner of the authentic Welsh Rugby Union shirt kindly donated the rugby shirt to Noah’s Ark so that the shirt could be used for further fundraising.

Name the bear

During the 2013 EHS Recognition Dinner a fundraising competition was held to name the CELSA Noah’s Ark Mascot Bear. The winning name which was drawn from a steel-workers hard hat was ‘Adam’.

Adam bear will be used as the mascot for future activities undertaken for the Noah’s Ark.

Steve Harries with Adam bear – Steve won the competition to name the bear.
COMMUNITY AND STAKEHOLDER ENGAGEMENT

Movember

During November each year, Movember is responsible for the sprouting of moustaches on thousands of men’s faces in the UK and around the world. The aim of which is to raise vital funds and awareness for men’s health, specifically prostate cancer and testicular cancer.

On the 1st of Movember 15 CELSA Mo Bro’s started with a clean shaven face and registered at movember.com. For the entire month each Mo Bro grew and groomed a moustache and conducted himself like a true gentleman.

The CELSA team raised over £1,100 for this worthy charity.

2012 Employee Calendar Competition

Following from last year’s success we continued with another competition for the 2013 CELSA Calendar with this year’s theme being SAFETY.

We want our people to work safely and go home to their families every day. Safety is a family matter to be shared at home and at work. Zero injury and accidents is achievable and with everyone’s dedication we can make it a reality!

Lots of good entries were received from employee families and 12 winning pictures were chosen to represent each month of the year and included in the calendar. Calendars were given to employees.

CELSA’s website hosts a local community page and a corporate responsibility page. These detail our local community work. We have also included on the website an email address of CELSA’s General Manager for local stakeholders to communicate any concerns or issues to the most senior manager in the CELSA business thegeneralmanager@celsauk.com.

NOISE & COMPLAINTS

LOCAL RESIDENTS

CELSA is committed to being a good neighbour. The views and opinions of local residents are extremely valuable to us and we take them very seriously. Any issues raised by local residents relating to Environmental, Health & Safety are investigated fully by our senior EHS team and where appropriate preventative measures are implemented and feedback is provided to the concerned party.

NOISE

We have been working with the Natural Resources Wales to reduce the noise impact on local residents from the steelmaking process and have noise management procedures in place to manage site activities that can give rise to noise.

DUST

During 2012 CELSA saw a reduction in the number of dust complaints. Whilst the source has not yet been identified, CELSA continue to work closely with Natural Resources Wales and local residents to try to determine the cause of any complaint and take any remedial action if required.

CONTACT US

If you are a member of our local community and have a query, or would like to know more about us, please contact us by sending an email to thegeneralmanager@celsauk.com, and we will respond as soon as possible.
HEALTH, SAFETY AND EMPLOYEE ENGAGEMENT

CELSA is aware that its activities that can not only lead to significant environmental impacts but can have Health and Safety implications for employees and visitors. Consequently, there is a strong linkage between health, safety and employee welfare culture at CELSA and the environmental management and sustainability culture of the business.

HEALTH & SAFETY CAMPAIGN
CELSA is continuing with its Strategic Objective to focus on Health & Safety with the aim to become the sector leader in safety, and reduce lost time accidents by more than 50% during 2013.

EMPLOYEE ENGAGEMENT OVERVIEW
CELSA is continuing with its Strategic Objective to focus on Health & Safety with the aim to become the sector leader in safety, and reduce lost time accidents by more than 50% during 2013.

EHS SUGGESTION SCHEME
CELSA has been running an employee suggestion scheme for the last few years to encourage all employees to make suggestions/contributions to improve the Environmental, Health & Safety performance of the business. Each quarter a prize is awarded for the best suggestion and each year a second prize is given best overall suggestion for the year.

The annual prize for the best overall suggestion is presented in the Annual EHS Recognition Dinner and Awards.

Wes Jones, Sections Mill Production Operative
EHS RECOGNITION DINNER AND AWARDS

On 7th June 2013 CELSA held its third annual EHS Recognition Dinner. Each year this dinner recognises the achievements made by employees in environment, health & safety. The awards are presented by the General Manager Luis Sanz.

BEST OVERALL ANNUAL SUGGESTION
The award for the best overall annual suggestion was given to Derek Jones. Derek suggested the use of a mounting arbour into roll. The use of an arbour stand replaces the need to work below a suspended load.

BEST PERFORMING BUSINESS
The main award of the evening was for the best performing business in both Safety and Environmental performance, and was awarded to Rod & Bar Mill. The RBM had the greatest reduction lost time accidents and the lowest severity index and lowest number of days lost during 2012. The RBM was the only operational area to achieve all its environmental objectives and targets during 2012.

Other awards presented on the evening were for:
Best Contractor 2012 was given to RHI who, for the second consecutive year win this category based on their safety record and no accidents.

Best Shift 2012 was awarded to Sections Mill ‘D’ shift for the best shift safety record at CELSA during 2012. Best Supporting Role to Safety & Environmental Engagement 2012 was given to Mark Thomas for his contributions to charity.

Sections Mill ‘D’ shift – best shift, left to right: Mark Evans, Mike Burns, Luis Sanz Villares and Steve Firth
Further to consideration of the documentation, data and information resulting from the organisation’s internal procedures examined on a sampling basis during the verification process, it is evident that the environmental policy, program, management system, review (or audit procedure) and environmental statement meet the requirements of Regulation 1221/2009 (The EMAS Regulation).

Signed: Jonathan Wallace
Date: 09 September 2013
Bureau Veritas Certification
United Kingdom
UK-V-0003

Some of the photographs contained in this statement have been taken and provided by Tim Bowers, from our IT department. Tim is a keen amateur photographer, and we are grateful for his contributions.