**PRESS RELEASE**

New Manganese impact liner plate on display at Electra Mining Botswana

***(Date), 2015:*** *A newly-launched Manganese impact liner plate will be officially introduced to the Botswana industrial sector by Rio-Carb at the 2015 Electra Mining Botswana Exhibition in Gaborone.*

The imported Manganese impact liner plate – which was officially launched in South Africa in July 2015 – is comprised of 14 percent manganese steel, which results in it becoming harder the more it is work hardening. Due to these unique properties, Rio-Carb Product Development Manager **Luis Garcia,** states that the impact liner is ideally-suited for crushing and earthmoving equipment.

“Impact resistance on liner plates is essential for the platinum, diamond and gold industries, and this new product will give us an opportunity to attract more clients in Botswana, by exposing them to our ever-increasing and innovative product range,” he explains.

In addition to the new impact plate, Johannesburg-based Rio-Carb will be exhibiting its tried-and-tested range of CrC clad liner plates and pipes that are used in chutes and hoppers for heavy materials handling applications in the mining and allied resources industries.

Using exclusive and patented MaxCS Technology, Rio-Carb is able to take the properties of CrC and cast it via welding process onto a mild steel backing plate, which gives it an optimum hardness of 58 RC, and additional flexibility for moulding and shaping.

The revolutionary CrC plates have been proven in laboratory testing to provide up to ten times the wear resistance against abrasion than industry-standard 400 and 500 BHN steels, which are also susceptible to annealing when heated to 350°C or more. Rio-Carb’s CrC products also boast a wear life that is eight times longer than industry-standard steels, do not lose hardness at higher temperatures, and are unaffected by heating and cooling cycles.

This is the first time that Rio-Carb will be exhibiting at Electra Mining Botswana, due to high interest in the show and a strong recommendation from its regional clients. “We have a strong presence in Botswana, and recently completed a large project for one of the major diamond companies in the country. This event will serve as an ideal opportunity to interact with our wide variety of customers, by bringing them centrally in one venue,” adds Garcia.

Endorsed by the Botswana Chamber of Mines and the Ministry of Minerals and Energy, Electra Mining Botswana is one of the biggest and most reputable trade shows in Africa. The show provides exposure to pre-selected companies that are experts in their respective fields.

It is a pinnacle for networking, as it attracts engineers, managers, maintenance personnel and foremen in the mining and industrial sectors. The show will take place over three days, from 1 to 3 September 2015 at the Fair Grounds in Gaborone. Rio-Carb will be exhibiting at Stand C10. For more information on the event visit [www.electramining.co.bw](http://www.electramining.co.bw)

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**Notes to the Editor**  
To download hi-res images for this release, please visit <http://media.ngage.co.za> and click the Rio-Carb link to view the company’s press office.

**About Rio-Carb**  
Rio-Carb manufactures wear-resistant Chromium Carbide (CrC) clad liner plates for heavy materials-handling applications in the mining and allied resources industries. With more than 30 years of experience, the company’s long-life CrC liners have 8 to 10 times the wear life of industry-standard 400 and 500 BHN steel materials, which dramatically reduces operational costs as a result of less downtime and change-outs. Rio-Carb has a deep-rooted history in mining, and is able to swiftly respond to customers' needs in providing cost-effective solutions.

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