FIVES FACES A NEW CHALLENGE AT GARMCO

Garmco’s Bahrain-based international aluminum rolling mill is one of the largest in the world. A contract to convert this mill, a project that is worth €150 million, has been awarded to Fives. We got the opportunity to interview Fives about the project and its challenges.

INTERVIEW

What’s new in Aluminium?

ECL has joined Fives

ECL’s acquisition by Fives will bring its technical and operational know-how to Fives’ Aluminium business. COVID-19 has affected the entire aluminum value chain, and it is important to ensure that our global factories meet the latest safety requirements.

Editorial

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What’s new in Aluminium?

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With the acquisition of ECL, Fives extends its equipment and service offer to further support aluminum producers.

Advanced equipment that complements Fives’ range of pioneering technologies;

• Ma’aden: Fives has been awarded an EPC (Engineering, Procurement, Construction) contract for its first smelter in Saudi Arabia.

In 2015, our teams were engaged on several major projects including the $1.6 billion ramp up of the Kitimat smelter, the largest in Western Canada. On the innovation front, our new AP Technology™ in 2011. It is based on the knowledge of anode ID.

Our site team has the autonomy to work within the scope of the contract, which allowed us to understand Fives’ business, technical and project management skills, as well as our ability to manage all aspects of the contract. Fives, from France and UK, brings their skills and experience in addressing the project as one ERIC execution team.

What is Fives dedicated to future DFE qualification standard?

Aluminium producers strive to have a one-stop-shop when considering major capital investment projects. In recent years, we have seen several major tenders for bauxite projects. Through the Garmco project, Fives has the ability to effectively build teams to deliver such global solutions.

For the future, Fives will be more active around delivering EPC type projects.

ECL has been a leader in the supply of equipment to primary aluminum smelters.

ECL’s acquisition by Fives will bring its technical and operational know-how to Fives’ Aluminium business. COVID-19 has affected the entire aluminum value chain, and it is important to ensure that our global factories meet the latest safety requirements.

On the occasion of Fives’ acquisition of ECL, we put in place a number of health and safety initiatives including the development of a mobile app for all stakeholders.

ECL’s services are essential to aluminium producers, both in the design and installation of lifting and handling equipment for primary aluminium smelters. At the end of September 2015, ECL became Fives ECL and joined the Aluminium business line of Fives Group.

A c-suite Service Platform was already formed, in early 2014, providing skills and a greater responsiveness.

A common Service platform was already in place to support the roll mill’s operation, including HSE and quality managers, as well as supervisors and maintenance technicians.

Recently, the Ma’aden Aluminium project was completed with 12 million accident free hours and 11,000 man hours. To ensure the best performance of our equipment, ECL started to conduct site activities in accordance with Fives Corporate Social Responsibility (CSR) guidelines. A specific HSE construction plan has been set up to ensure that everyone is aware of his responsibilities and is familiar with all safety procedures to be applied. The main concepts of the project were: HSE and quality management, as well as the support of local teams.

In the design and installation of lifting and handling equipment for primary aluminium smelters, we have successfully implemented large projects with excellent performance and outstanding safety records.

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In November 2015, Fives successfully completed part of the project at the Rio Tinto’s Jonquière plant. This is the first time in the world that anode tending has been performed with anode rod disposal.

Regarding the Cathode Transfer Crane, the company had a key role in the installation and commissioning of the Cathode Transfer Crane at the Rio Tinto’s Alumina plant.

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