

FOR IMMEDIATE RELEASE

### **Snc-Lavalin Builds Track Record Of Locally Executed Projects**

Since establishing a project execution office in South Africa in 2006, leading international engineering and construction group SNC-Lavalin is steadily building a track record of locally executed projects across Africa. One of the most significant projects completed recently is the Kamoto Redevelopment Project for Katanga Mining in the DRC.

SNC-Lavalin has been operating in Africa for more than 60 years from its international network of offices, delivering numerous successful projects in a variety of sectors including mining and minerals, infrastructure, power and energy.

“Today our Johannesburg staff complement has grown significantly and we’re able to execute projects from conceptualisation and prefeasibility to execution on site,” Alistair McKay SNC-Lavalin business development manager, says. “We have a broad range of in-house expertise that positions us to be able to design plants around almost all commodities and we’re excited about the increasing depth of process experience of our South African team. From this solid foundation we will continue to expand our services with a view to locally replicating the service offering already available through our international offices.”

#### **Top Modular Expertise**

SNC-Lavalin’s modular expertise is attracting attention in the market with its focused offering of designing building modular and containerised plants. This highly flexible service is proving popular for smaller projects and offers significant time and cost savings when project sites are remotely located.

“In building the company’s South African offering, our modular expertise has been a key focus,” says McKay. “For companies operating in Africa, one of the biggest challenges is to move resources to remote locations and there is always a concern about the safety and quality of the final product. The ability to modularise plants makes it possible to complete a lot of the work in a local workshop, with high standards of health, safety and quality applied throughout.

“Modular plants are trial erected and cold commissioned in South Africa, before being dismantled and sent to site in modules. Since the plant has already been tried and tested, it’s very much a matter of putting it all back together and switching it on.”

### **New Pyrometallurgical Know-how**

The pyrometallurgy group is another area of expertise for the South Africa office. Comprising about 18 specialists, engineers and designers including a full 3D design capability, the group specialises in custom designed pyrometallurgical plants and equipment. In-house competencies include CFD (computational fluid dynamic) to solve flow and heat transfer problems and FEA (finite element analysis) to determine the structural integrity of equipment and evaluate thermal performance. Both of these modelling systems are used for equipment design and also offered as a service to clients on other engineering applications.

“The pooled knowledge and experience of our pyrometallurgy team is putting us on the map, proving that we have the process expertise and equipment capabilities to deliver cutting-edge solutions,” McKay says. “The differentiator for us lies in the fact that we are not only able to provide skills around furnaces and the like, but also to develop this technology in-house, moving away from being a pure EPCM consultant to becoming a technology provider capable of supplying the necessary equipment.”

### **A Track Record of Success in Fertilizers**

A few years ago SNC-Lavalin established a regional presence in the industrial and fertiliser markets through the acquisition of BE Morgan & Associates. This company already had a long-standing relationship with SNC-Lavalin for fertiliser and sulphuric acid plants, and McKay says the acquisition provided a vehicle to enter the African arena with these skills and expertise in-house. One of the more significant projects completed by SNC-Lavalin following this acquisition has been Sasol Nitro’s new calcium ammonium nitrate/limestone ammonium nitrate production plant at its existing chemical complex in Secunda.

“Strategically, we see this as a growth area in the organisation and it’s gratifying that the local market is beginning to recognise that our expertise today goes beyond mining and minerals to the extent that we’re able to execute projects across a broad spectrum of industrial sectors,” says McKay.

“We have the necessary local understanding and track record when it comes to executing projects in Africa and this is underpinned and further supported through our global organisation and resources. We are able to tap into this global pool to deliver any type of project —and this is what together with an intimate knowledge of logistics in the region differentiates us in the African marketplace.”

#### **About SNC-Lavalin**

SNC-Lavalin is one of the leading engineering and construction groups in the world and a major player in the ownership of infrastructure, and in the provision of operations and maintenance services. Founded in 1911, SNC-Lavalin has offices across Canada and in over 40 other countries around the world, and is currently working in some 100 countries.

[www.snclavalin.com](http://www.snclavalin.com).

SNC-LAVALIN IN AFRICA PIC 01 : Konkola Copper Mines tailings plant in Zambia.

SNC-LAVALIN IN AFRICA PIC 02 : Ambatovy nickel project in Madagascar.

SNC-LAVALIN IN AFRICA PIC 03 : Zimplats smelter in Zimbabwe.

SNC-LAVALIN IN AFRICA PIC 04 : Kamoto in the DRC.

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