**PRESS RELEASE**

I-CAT launches new stockpile dust suppression solution

***18 July, 2016:*** *Stockpile dust suppression has been dramatically simplified with the I-CAT retractable stockpile dust ring (R-SDR) system, which was introduced to the local market to efficiently address dust issues at conveyor discharge points.*

I-CAT technical manager **Morne van Wyk** explains that the R-SDR system creates a virtual curtain around material flow for outstanding particle containment. “Engineered to industrial strength and longevity, the R-SDR system surrounds the discharge flow on all sides, providing simple, focused dust management that is well suited to continuous duty applications, such as radial stackers.”

The R-SDR system boasts a stainless steel misting ring designed for mounting at the end of conveyor belts to aid in dust suppression at the discharge point. What’s more, a variable configuration allows nozzles to be added, removed or replaced with different types and sizes to suit specific applications.

Van Wyk continues: “Thanks to variable particle sizing (VPS) technology, it also features a number of customisable options. It is an intrinsically safe, mounted option, with a fully retractable and serviceable configuration for ease of access, installation and nozzle maintenance.”

The PLC-controlled system also consumes low amounts of water, and a booster pump can be added to increase water flow and pressure. Van Wyk says a hose can be supplied with the unit, which also comes with the option of being equipped with a two-way valve for manual control of water flow.

“The water hose connects directly to male pipe threads on the ring. Water flow can be controlled between 12.3 to 200.44 ℓ/pm at 6.89 bar of input. A water filter can be added for use with non-potable water, for droplet sizes ranging between 50 and 200 microns,” he concludes.

***Ends***

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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 I-CAT link to view the company’s press office.

**About I-CAT**I-CAT is a leading environmental solutions company with a primary focus on supplying products and services that assist industrial clients in various aspects of environmental compliance. The company is well positioned to assist all its clients’ needs in environmental management regarding; dust suppression solutions, water solutions, environmental management services, carbon solutions, agro-forestry products and fire solutions.

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