**PRESS RELEASE**

A first-of-its-kind mist installation project in Zimbabwe

***21 April, 2016:*** *Zimbabwe’s first-ever misting system has been installed at the Caledonian Mining company in Gwanda by I-CAT. The installation was on the mine’s primary crusher and screening plant and will open opportunities for more misting projects in the region.*

The crushing process at mines produces dust particles that are capable of entering the lungs and becoming a health hazard. It is therefore important to have control over the silica dust generated from the crushing units. I-CAT‘s water mist technology is used to capture the dust and ensure a visible and conducive environment.

I-CAT technical manager **Morne van Wyk** explains the project was secured by the Phumla Group, which is I-CAT Zimbabwe’s agent. “Although not a large project, the installation consisted of a dosing unit and surfactant tank, an in-house manufactured control panel with filter and hydraulic flow control valves, some stainless steel piping and GTK nozzles.”

As part of the process, a bracket was installed on site to facilitate the installation of nozzles on one of the conveyor transfer points. After the installation, testing was conducted on the system, before it was commissioned. It has since been running at optimal efficiency.

Van Wyk highlights that the mine was so impressed with the system that it has decided to expand on its current system and intends to use I-CAT’s technology at its primary crusher plant and stockpile transfer points. “The solutions that I-CAT offers will be used by the mine above ground and there is a possibility of assisting the operation with road dust solutions underground in future,” 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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