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Attention: Editor

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NEWS RELEASE

GalvaPulse testing proves sustainability in Cape Canaveral.

Several space shuttles are launched from the city of Cape Canaveral, Florida each year. The immense amount of exhaust from each launch has a dramatic effect on the surrounding structures. Chemicals in the exhaust are extremely corrosive, not only to exposed metals, but to reinforcing steel in the surrounding concrete structures.

In 2003, existing structures engineer specifications, specified the use of Cortec's MCI®-2020 and MCI®-2020 V/O to combat corrosion on pad B ECS, cooling tower of space shuttle launch pad 39 due to direct exposure to these harsh chemicals. The MCI® products were applied in early 2004 and a corrosion rate evaluation was completed on January 8, 2008. A galvanostatic pulse technique, known as a GalvaPulse test, was used to determine the corrosion level on both the north and south walls of the cooling tower structure. Testing of the walls showed corrosion rates between 16.72 and 67.91 $\mu\text{m}/\text{year}$, which indicates a low to moderate level of corrosion; showing that MCI® is keeping corrosion rates down and ensuring a longer lifetime for this structure.



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Photo: Please contact Cortec® Advertising for a High-resolution photo. sgarrow@cortecvci.com

Company Description: Cortec® Corporation is a pioneer of environmentally friendly, corrosion protection Vapor phase Corrosion Inhibitors (VpCI™) & Migratory Corrosion Inhibitors (MCI®) Technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.

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