

Rami Izhiman

From: Khalil- CORTEC ME <kabed@cortec-me.com>
Sent: Sunday, June 2, 2013 7:53 PM
To: gamini.hapuarachchi.1@petrorabigh.com
Cc: Iyad Alami; Usama Jacir
Subject: RE: Cortec CorroLogic system for ASTs
Attachments: ast_brochure.pdf; MP Article on AST's June 2011.pdf; NACE Paper 2013.pdf

Dear Mr. Gamini,

It was pleasure to talk to you. Please find below the email that was sent to you earlier.

Looking forward to hearing from you soon.

Regards,

Khalil Abed
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From: Khalil- CORTEC ME [mailto:kabed@cortec-me.com]
Sent: Wednesday, May 15, 2013 12:38 PM
To: 'gamini.hapuarachchi.1@petrorabigh.com'
Cc: 'Iyad - Cortec ME'; ujacir@cortec-me.com
Subject: FW: Cortec CorroLogic system for ASTs

Dear Eng. Gamini,

Based on the initial discussion with Mr. Usama during NACE conference in Qatar last week, I would like to thank you for your interest in Cortec CorroLogic® system for ASTs and share with you preliminary information related to the use of Cortec Vapor-phase corrosion inhibitors for Above Ground Storage Tanks per the following bullet points. Then I hope to follow this email with discussions on specific tanks that might be candidates for application of Cortec VpCI® technology:

- **General AST brochure**
- **Material Performance article on ASTs:** This article describes VpCI® chemistry and presents several case histories of VCI usage in these spaces.
It also shows how the application of vapor phase corrosion inhibitor VpCI® chemistry, combined with a corrosion rate monitoring system, provides an excellent method to mitigate and monitor corrosion within the interstitial spaces of aboveground storage tank bottoms.

- **NACE technical paper 2013:** This paper describes a pilot project that was conducted in 2011 on an aboveground storage tank (AST) at a crude oil tank farm in the Arabian Peninsula. This project was designed to evaluate the procedures for application of volatile corrosion inhibitor VpCI® beneath select areas of the tank floor and then evaluate the effectiveness of the VpCI® in reducing the corrosiveness of the environment under the tank floor.

We are able to provide you with a very effective engineering solution with vapor phase corrosion inhibitors technology for **new tanks, in-service tanks** and **out of service tanks**. Please note that the system has been widely used in the states, more than 300 tanks, in conjunction with CP systems and in cases it replaced CP systems. We also have design solutions for the tanks that have oily sand beneath the floors and can innovate different systems as needed.

Our technology has multiple technical, practical and financial advantages and we will be more than happy to visit you and present our solutions at your premises. .

We look forward to the opportunity of working with you on the tanks in your area of responsibility and designing applications that match your needs

Please reply that you have received this email so that I know we are in communication. Don't hesitate to contact me at any time for further discussion and information.

Best Regards,

Khalil Abed

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