

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

Total Cray Valley, a Division of Total
Petrochemicals & Refining USA, Inc.
665 Stockton Drive-Suite 100
Exton
Pennsylvania
19341
USA

Holds Certificate No:

FM 560703

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design, development, sales, customer service, purchasing, manufacturing, and corporate management functions for the manufacturing of solid monomers, hydrocarbon resins, functionalized polybutadiene resins, and out-sourced manufacturing of hydroxyl-terminated polybutadiene resins and styrene maleic anhydride resins.



For and on behalf of BSI:

Reg Blake, VP Regulatory Affairs, BSI Group America Inc.

Original Registration Date: 03/15/2010

Latest Revision Date: 07/06/2015

Effective Date: 07/10/2015

Expiry Date: 07/09/2018

Page: 1 of 3



...making excellence a habit.™

Certificate No: **FM 560703**

Location	Registered Activities
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. 665 Stockton Drive-Suite 100 Exton Pennsylvania 19341 USA	The design, development, sales, customer service, purchasing, and corporate management functions for the manufacturing of solid monomers, hydrocarbon resins, functionalized polybutadiene resins, and out-sourced manufacturing of hydroxyl-terminated polybutadiene resins and styrene maleic anhydride resins.
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. 550 Long Beach Blvd Stratford Connecticut 06615 USA	Warehousing.
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. 569 24 1/4 Road Grand Junction Colorado 81505 USA	The manufacturing of functionalized polybutadiene resins.
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. 105 Ontario Street Stratford Connecticut 06615 USA	The manufacturing of solid monomers.
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. 16150 Jordan Street Chatom Alabama 36518 USA	The manufacturing of solid monomers.

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Page: 2 of 3

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To be read in conjunction with the scope above or the attached appendix.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

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Location	Registered Activities
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. Beaumont Plant 11455 Interstate 10 Beaumont Texas 77705 USA	The manufacturing of hydrocarbon resins.
Total Cray Valley, a Division of Total Petrochemicals & Refining USA, Inc. Channelview Plant 8280 Sheldon Road Channelview Texas 77530 USA	Engineering, quality control laboratory, purchasing and management for manufacture of hydroxyl-terminated polybutadiene resins and styrene maleic anhydride resins through out-sourced operations, maintenance, scheduling and warehouse processes.



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