



## CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**North American Hoganas, Inc.  
Hollisopple, Pennsylvania, USA**

has been approved by Lloyd's Register Quality Assurance  
to the following Quality Management System Standards:

**ISO 9001:2008**

The Quality Management System is applicable to:

**Design and Manufacture of Iron Powders, High-Alloyed  
Products and Mixes of Metal Powders and Additives.**

This certificate is valid only in association with the certificate schedule bearing the same  
number on which the locations applicable to this approval are listed.

Approval  
Certificate No: UQA 0112135/A

Original Approval: October 20, 2000

Current Certificate: August 6, 2010

Certificate Expiry: July 5, 2013

  
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Issued by: Lloyd's Register Quality Assurance, Inc.





## CERTIFICATE SCHEDULE

### North American Hoganas, Inc.

#### Locations

111 Hoganas Way  
Hollsopple, Pennsylvania 15935, USA

5950 Packard Road  
Niagara Falls, New York 14304, USA

210 Ceramic Drive  
St. Mary's, Pennsylvania 15857, USA

101 Bridge Street  
Johnstown, Pennsylvania 15902, USA

#### Activities

Design and Manufacture of Iron Powders, High-Alloyed Products and Mixes of Metal Powders and Additives. Sales, Technical Support, and Distribution including Products of Hoganas Group of Companies.

Manufacture of Iron Powders.

Manufacture of Mixes of Metal Powders and Additives.

Manufacture of Iron Powders, High-Alloyed Products and Mixes of Metal Powders and Additives.

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Approval Certificate No: UQA 0112135/A  
This document is subject to the provision on the reverse  
1401 Enclave Parkway, Suite 200, Houston, Texas 77077, USA

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.

Macro Revision 13