



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**Ube Industries, Ltd.
Ube Chemical Factory
Ube-shi, Yamaguchi-ken
Japan**

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

ISO 9001:2008, JIS Q 9001:2008

The Quality Management System is applicable to:

Design, development and manufacture of nylon, polyimide, alloyed and compounded resins, tyranno fiber, polyolefin microporous film, gas separation membranes and metal organics. Management of manufacture of nylon, polyimide, alloyed and compounded resins. Manufacture of 1, 6-hexanediol, 1, 5-pentanediol, catechol, hydroquinone, guaiacol, guaethol, vanillin, ethylvanillin, hydroxylamine sulfate, amino-dodecanoic acid (ADA), dodecanedioic acid (DDA), 3, 4, 3', 4'-biphenyltetracarboxylic dianhydride (BPDA), dimethyl carbonate (DMC), boron trichloride, high-purity aqueous ammonia, high-purity sulfuric acid, high-purity nitric acid, caprolactam, oxalic acid, sodium nitrate, sodium nitrite, ammonium sulfate, cyclohexanone, sodium sulfate, lauro lactam, ammonium bicarbonate, sulfuric acid, nitric acid, silicon nitride, liquefied carbon dioxide, liquid ammonia, potassium nitrate, ammonium nitrate and methylethylketoxime (MEKO).

Approval
Certificate No: YKA 0929710

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Issued by: Lloyd's Register Quality Assurance Limited



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This document is subject to the provision on the reverse

71 Fenchurch Street, London EC3M 4BS United Kingdom. Registration number 1879370

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

The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001

Macro Revision 13