

MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
209031-2016-AE-SWE-RvA

Initial certification date:
03 December 2015

Valid:
02 December 2018 - 21 August 2021

This is to certify that the management system of

Nynas UK AB, Ellesmere Port

North Road, Ellesmere Port, CH65 1AJ, United Kingdom
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Energy Management System standard:
ISO 50001:2011

This certificate is valid for the following scope:

Design and production of polymer modified bitumens, bitumen emulsions and blending of penetration bitumen using an energy system comprising: steam, thermal oil, electricity, natural gas and liquid fuels.

Place and date:
Barendrecht, 30 November 2018



For the issuing office:
**DNV GL – Business Assurance
Zwolseweg 1, 2994 LB, Barendrecht,
Netherlands**

Erie Koek
Management Representative

Certificate No: 209031-2016-AE-SWE-RvA
Place and date: Barendrecht, 30 November 2018

Appendix to Certificate

Nynas UK AB, Ellesmere Port

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
Nynas UK AB, Dundee	East Camperdown Street, Dundee, DD1 3LG, United Kingdom	Design and production of polymer modified bitumens, bitumen emulsions and blending of penetration bitumen using an energy system comprising: steam, thermal oil, electricity, natural gas and liquid fuels.
Nynas UK AB, Ellesmere Port	North Road, Ellesmere Port, CH65 1AJ, United Kingdom	Design and production of polymer modified bitumens, bitumen emulsions and blending of penetration bitumen using an energy system comprising: steam, thermal oil, electricity, natural gas and liquid fuels.