



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

ENGINEERING STANDARD
FOR
ROADS, PAVEMENTS, FOOTPATHS & ACCESS ROADS
NPCS-ES-GC-05
REVISION : 0

SEPTEMBER 1992

THIS DOCUMENT IS THE PROPERTY OF NPC. IT IS CONFIDENTIAL AND ALL RIGHTS RESERVED, TO THE OWNER NEITHER THE WHOLE NOR ANY PART OF THIS DOCUMENT MAY BE DISCLOSED TO ANY THIRD PARTY, REPRODUCED, STORED IN ANY RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF NPC.



CONTENTS

- 1 SCOPE
- 2 STANDARDS AND CODES
- 3 ROADS
- 4 PAVEMENTS & FOOTPATHS

THIS DOCUMENT IS THE PROPERTY OF N.P.C. IT IS CONFIDENTIAL AND ALL RIGHTS RESERVED. TO THE OWNER NEITHER THE WHOLE NOR ANY PART OF THIS DOCUMENT MAY BE DISCLOSED TO ANY THIRD PARTY. REPRODUCED, STORED IN ANY RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF N.P.C.

PREPARED BY : PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY (P.I.D.E.C.)



Documents

Document Sharing Hub



1 SCOPE

This Standard describes the engineering guide lines for designing the plant roads, pavements, access roads foot paths in an industrial complex.

2 STANDARDS AND CODES

- AASHTO American Association of State Highway and Transportation Official.
- M 145 The Classification of Soils and Soil Aggregate Mixtures for Highway Construction Purposes.
- M226 Viscosity Graded Asphalt Cement.
- ASTM American Society for Testing and Materials.
- D 2487 Standard Specification Classification of Soils for Engineering Purposes.
- D 977 Standard Specification for Emulsified Asphalt.
- D 995 Standard Specification for Requirement for Mixing Plants for Hot-Mix, Hot-Laid Bituminous Paving Mixture.
- D 1073 Standard Specification Fine Aggregates Bituminous Paving Mixtures.
- MS 2 Mix Design Methods for Asphalt Concrete and Other Hot-Mix Types (Asphalt Institute).
- ACI 318 American Concrete Institute Building Code Requirements for Reinforced Concrete.

THIS DOCUMENT IS THE PROPERTY OF NPCC. IT IS CONFIDENTIAL AND ALL RIGHTS RESERVED, TO THE OWNER NEITHER THE WHOLE NOR ANY PART OF THIS DOCUMENT MAY BE DISCLOSED TO ANY THIRD PARTY, REPRODUCED, STORED IN ANY RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF NPCC.