



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

CONSTRUCTION STANDARD
FOR
STORAGE TANK FOUNDATION (RING)

NPCS-CS-ST-07

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Documents

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



1 GENERAL

.1 SCOPE

This standard covers the requirements for construction of concrete ringwall tank foundation.

.2 STANDARDS AND CODES

Latest edition of the codes, standards and specifications mentioned below for part of this standard to the extent specified.

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| a) API | AMERICAN PETROLEUM INSTITUTE |
| API 650 | Welded steel tanks for oil storage. |
| b) AASHTO | AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS. |
| M 226 | Standard Specification for Viscosity Graded Asphalt Cement. |
| c) ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS. |
| c 33 | Standard Specification for Concrete Aggregates. |
| D 242 | Standard Specification for Mineral Filler for Bituminous Paving Mixtures. |
| D 692 | Standard Specification for Bituminous Paving Mixtures. |
| D 698 | Moisture-Density Relations of Soil Using 5.5 lb (2.5 kg) Hammer and 12" (305 mm) Drop. |
| D 1073 | Standard Specification for Fine Aggregate for Bituminous Paving Mixtures. |
| D 1557 | Moisture-Density Relations of Soil using 10 lb (4.5 kg) Hammer and 18" (457 mm) Drop. |

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