



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

ENGINEERING STANDARD
FOR
SANITARY SEWERS/COLLECTION

NPCS-ES-GC-13

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CONTENTS

- 1 SCOPE
- 2 CODES AND STANDARDS
- 3 DESIGN REQUIREMENTS
- 4 SEWER DESIGN
- 5 SEWER APPURTENANCE (MANHOLES)
- 6 MATERIAL

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1

SCOPE

This standard describes the minimum engineering guide lines for designing the sanitary sewer (sanitary sewage collection system) for an industrial complex.

2

CODES AND STANDARDS,

- National plumbing code Published by national association of plumbing heating cooling contractors.
- Federal Specification ss-P-3316 AC Non-Pressure Sewer Pipe.
- ASTM C428 AC Non-Pressure Sewer Pipe.
- ASTM C14,C76 Standard Specification of Concrete Sewer Pipe.
- ASTM C13 Standard Specification of Vitrified Clay Pipe.
- ASAZ 1.2 American Standard for CI PIT-CI for Water and other Liquids.
- D 0 Federal Specification WW-P-421a
- D0 AWWA C102
- ASA-A21.6 American Standard for Cast Iron Pipe Centrifugally Cast in Metal Molds for Water and other Liquids.
- D0 Federal Specification WW-P-421a.
- NPCS-SD-GC-07 Manholes and Details

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