



NATIONAL PETROCHEMICAL COMPANY
STANDARDS

CONSTRUCTION STANDARD
FOR
FIREPROOFING

NPCS-CS-ST-03

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CONTENTS

- 1 GENERAL
 - 1.1 SCOPE
 - 1.2 REGULATIONS
 - 1.3 CODES AND STANDARDS
- 2 SURFACE PREPARATION OF STEELWORK
- 3 METHOD OF FIRE PROOFING
 - 3.1 MATERIALS
 - 3.2 ANCHORAGE OF MESH TO STEEL STRUCTURE
 - 3.3 APPLICATION
- 4 INSPECTION

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GENERAL

.1 SCOPE

This standard covers the method of fireproofing of steel supports for process equipment, piping, cable trays and conduit banks in fire potential areas.

.2 REGULATIONS

.2.1 The work shall be done in accordance with the national and local laws and regulations.

.2.2 For subjects not covered by regulations or specifications the method of fireproofing shall be based on good engineering and working practice. The methods are subject to approval by client.

.3 CODES AND STANDARDS

The latest edition of the following codes, standards and/or specifications (which form an integral part of this standard), constitute minimum requirements for this standard, where applicable:

- a) American Society for Testing and Materials (ASTM)
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| ASTM C33 | Specification for Concrete Aggregates. |
| ASTM C94 | Specification for Ready-Mixed Concrete. |
| ASTM C150 | Specification for Portland Cement (8 types). |
| ASTM E119 | Fire Tests of Building Construction and Materials. |
| ASTM E605 | Test Methods for Thickness and Density of Sprayed Fire - Resistive Material Applied to Structural Members. |
- b) American Concrete Institute (ACI)
- | | |
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| ACI 318-89 | Building Code Requirements for Reinforced Concrete. |
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