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مدیریت پژوهش و فناوری

Research and Technology Management

امور تدوین استانداردها

Standardization Division

# IGS

Iranian Gas Standards

Specification for :

مشخصات فنی :

**Composite Wrap System for Repairing of Non-Leaking  
Gas Pipelines from 4 to 56 Inch.**

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APPROVED

**Foreword:**

The purpose of this standard specification (part 1) and application procedures (Part 2) are to describe and explain the application , specification , advantages & limitations of composite wrap system for general corrosion defects repair and grith weld re-inforcement concerning carbon steel gas pipeline.

This standard intended to be mainly used by all division of N.I.G.C , and has been prepared on interpretation of recognized standards, technical documents, knowledge, backgrounds and experiences in national gas industry at national and international levels.

Iranian gas standards (IGS) are prepared, reviewed and amended by technical standard committees within NIGC standardization division of research & technology management and approved by the " NIGC Standard Council".

Iranian gas Standards are subjected to revision, amendment or withdrawal if required, thus the latest edition of IGS shall be checked/inquired by NIGC user.

Any comments from concerned parties or individual on IGS'S are welcome.

| <b><u>CONTENTS</u></b>                      | <b><u>PAGE NO.</u></b> |
|---------------------------------------------|------------------------|
| <b><u>Element :</u></b>                     |                        |
| <b>1.0. Scope</b>                           | <b>1</b>               |
| <b>2.0. Normative references</b>            | <b>2</b>               |
| <b>3.0. Introduction</b>                    | <b>3</b>               |
| <b>4.0. General characteristics</b>         | <b>3-4</b>             |
| <b>5.0. Properties (table 1)</b>            | <b>5</b>               |
| <b>6.0. Application defect types</b>        | <b>6</b>               |
| <b>7.0. Non – application defects</b>       | <b>6</b>               |
| <b>8.0. Composite wrap field inspection</b> | <b>6</b>               |
| <b>9.0. Documents</b>                       | <b>7</b>               |

## **Technical specification of composite wrap system for gas pipelines from diameters of 4 to 56 inch**

### **1.0 Scope**

- 1.1. This standard specification provides minimum requirements for repairing of non-leaking defects in gas pipeline from diameter of 4 to 56 inch inclusive.
- The composite wrap performance, test methods and inspection shall be all in accordance with standards as specified in table 1 and manufacturer's recommendations.