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شرکت ملی گاز ایران
مدیریت پژوهش و فناوری
امور تدوین استانداردها

IGS

مشخصات فنی

گوگرد دانه بندی

Granolated Sulfur



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شرکت ملی گاز ایران



دفتر مدیر عامل

ابلاغ مصوبه هیأت مدیره

مدیر محترم پژوهش و فناوری

باسلام،

به استحضار می‌رساند در جلسه ۱۷۷۲ مورخ ۱۳۹۶/۱۲/۱۹ هیأت مدیره، نامه شماره گ. ۱۶۶۷۰.۱/۰۰۰/۹ مورخ ۹۶/۱۲/۱۴ مدیر پژوهش و فناوری در مورد تصویب نهایی استاندارد به شرح زیر مطرح و مورد تصویب قرار گرفت:

۱. مشخصات فنی تجهیزات گرم کننده گاز (غیرمستقیم - آبی) نوع مشعل دمنده دار

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۲. مشخصات فنی خرید اتصالات فولاد به پلی اتیلن

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۳. دستورالعمل بازرسی ساید بوم

IGS-I-GN-007(0)

۴. مشخصات فنی گوگرد دانه بندی

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۵. مشخصات فنی کود گوگرد بنتونیتی

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این مصوبه در حکم مصوبه مجمع عمومی شرکت‌های تابعه محسوب و برای کلیه شرکت‌های تابعه لازم الاجرا می‌باشد.

الهام ملکی

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FOREWORD

This standard is intended to be mainly used by NIGC and contractors, and has been prepared based on interpretation of recognized standards, technical documents, knowledge, backgrounds and experiences in natural gas industry at national and international levels.

Iranian Gas Standards (IGS) are prepared, reviewed and amended by technical standard committees within NIGC Standardization division and submitted to the NIGC's "STANDARDS COUNCIL" for approval.

IGS Standards are subject to revision, amendment or withdrawal, if required. Thus the latest edition of IGS shall be checked/inquired by NIGC employees and contractors.

This standard must not be modified or altered by NIGC employees or its contractors. Any deviation from normative references and / or well-known manufacturer's specifications must be reported to Standardization division.

The technical standard committee welcomes comments and feedbacks about this standard, and may revise this document accordingly based on the received feedbacks.

GENERAL DEFINITIONS

Throughout this standard the following definitions, where applicable, should be followed:

- 1- "STANDARDIZATION DIV" is organized to deal with all aspects of industry standards in NIGC. Therefore, all enquiries for clarification or amendments are requested to be directed to mentioned division.
- 2- "COMPANY": refers to National Iranian Gas Company (NIGC).
- 3- "SUPPLIER": refers to a firm who will supply the service, equipment or material to NIGC whether as the prime producer or manufacturer or a trading firm.
- 4- "SHALL ": is used where a provision is mandatory.
- 5- "SHOULD": is used where a provision is advised only.
- 6- "MAY": is used where a provision is completely discretionary.

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Introduction

Due to the lack of documented standard accordance with international specification for sulfur that approved by the NIGC, policies in the construction of the new units or modification of existing ones, were diversified.

This standard is documented in order to have identical sulfur specifications with the aim of entrance to international export market or diversification for customers and market management. Therefore, the main reasons for this technical standard are:

1. A guideline for designing of new or modification of existing sulfur recovery units.
2. Expansion of export of sulfur.

This standard specification is the result of a remarkable effort made by a specialized committee consisting of representatives of different departments of National Iranian Gas Company, representatives of Research Institute of Petroleum Industry (RIPI) and experts from of Soil and Water Research Institute (SWRI) at agriculture ministry. The committee started with collecting information about:

1. The latest edition of international specification, references, publications, and investigation results,
2. Sulfur specifications of existing sulfur recovery units in gas treating plants on design basis and experimental data.
3. Consumers need

The group's activities during the period involved a detailed analysis of the relevant parameters of sulfur quality in order to assess the impacts of quality variations on the sulfur industrial application.

The conducted studies consider all areas of sulfur industry, including agriculture, phosphate fertilizer, sulfuric acid and many other industries. The initial draft was then distributed to various department of NIGC to get their feedbacks .Then the committee began to review the received feedbacks and revised the content of the mentioned draft.