



شرکت ملی گاز ایران

مدیریت پژوهش و فناوری

امور تدوین استانداردها

IGS

مشخصات فنی خرید

کابلهای مخابراتی (خطوط تلفن و انتقال اطلاعات)

Communication Cables
(Telephone and Data Transmission)



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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 ۱۷۱۶ مورخ ۱۳۹۵/۱۰/۲۶ هیأت مدیره، نامه شماره گ/۹/۰۰۰/۱۴۳۷۱۰ مورخ ۹۵/۱۰/۱۸ مدیر پژوهش و فناوری درمورد تصویب نهایی استاندارد تحت عنوان "مشخصات فنی خرید کابل‌های مخابراتی" (خطوط تلفن و انتقال اطلاعات) به شماره استاندارد ((IGS-M-IT-008(1)) مطرح و مورد تصویب قرار گرفت. این مصوبه برای کلیه شرکت‌های فرعی لازم اجرا 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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1. SCOPE

1.1 This standard is applicable for indoor, outdoor and buried cables intended for the interconnection of the following:

- Transmission equipments;
- Telephone and computer equipments;
- Equipments for data processing;
- Internal wiring of telecommunication and electronic equipments

This standard is applicable to wires with solid or stranded conductor, polyvinyl chloride (PVC) or polyethylene (PE) insulated, in singles, pairs and triples

2. REFERENCES

Throughout this standard specification the following standards and codes are referred to the edition of these standards and codes that are in effect at the time of issues of this standard specification.

The applicability of changes in standards and codes that occur after the date of standards that referred shall be mutually agreed upon by the purchaser and supplier / or manufacturer.

2.1. IEC 60189-1(2007), Low-Frequency Cables and Wires with PVC Insulation and PVC Sheath Part 1: General Test and Measuring Methods Incorporating Amendment

2.2. IEC 60189-2 (2007) Low-Frequency Cables and Wires With PVC Insulation and PVC Sheath – Part 2: General test and Measuring Methods

2.3. IEC 60189-3(2007) Low-Frequency Cables and Wires With PVC Insulation and PVC Sheath – Part 3: Equipment Wires With Solid or Stranded Conductor Wires, PVC Insulated in Singles, Pairs and Triples

2.4. IEC 60189-0-1(2000) Radio-Frequency Cables - Part 0: Guide to the Design of Detail Specifications Section 1 - Coaxial Cables Edition 2.1; Edition 2: 1990 Consolidated with Amendment

2.5. IEC 60708-1(1981) Low-Frequency Cables with Polyolefin Insulation and Moisture Barrier Polyolefin Sheath Part 1: General Design Details and Requirements First Edition; Amendment

2.6. IPS M-EL-271 (1393) Low Voltage Cables and Wires

2.7. IPS M-EL-272(1393) Medium and High Voltage Power Cables

2.8. IEC 60096-2(1988) Radio-Frequency Cables Part 2: Relevant Cable Specifications First Edition; Consolidated Reprint Consisting of Publication 60096-2 and Supplements 96-2A: 1965, 96.