



NATIONAL PETROCHEMICAL COMPANY STANDARDS

MATERIAL STANDARD FOR INDUSTRIAL & FLAMEPROOF SOCKET OUTLET & PLUGS NPCS-MS-EL-15 REVISION : 0

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1 SCOPE

- 1.1 The intent of this standard is to define the minimum requirements for the design, manufacture, testing and supply of industrial and flameproof socket outlets and plugs for use in petrochemical complex.
- 1.2 Site conditions and system conditions shall be as what will be specified in the material requisition.
- 1.3 Socket outlets and plugs shall comply with the requirements of the following documents listed in order of precedence.
- a) Purchase order.
 - b) This standard.
 - c) Other specifications and standards referred to.
- 1.4 All documents shall be issued using SI metric system of measurement, according to NPCS-ES-GN-03.
- 1.5 The English language shall be used for all correspondence documents, catalogues, drawings and nameplates.
- 1.6 In the reference number of this standard purchaser means National Petrochemical Company of Iran "NPC".

2 STANDARDS AND CODES

The plugs and sockets shall be designed, constructed, wired and tested in accordance with all applicable sections of the latest below listed standards and codes.

2.1 FOR EQUIPMENT MANUFACTURED IN EUROPE

- IEC International Electrotechnical Commission.
- IEC 309 Plugs, Socket Outlets and Couplers for Industrial Purposes.