



PG PARS CO

Corrosion control & Cathodic protection
شرکت پی جی پارس
(سهامی خاص)
سیستم های حفاظت کاتدی (پارس، نوید و ایرا)

DATA SHEET

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Data Sheet for MMO String Anode

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PG PARS CO


شرکت پی جی پارس Corrosion control & Cathodic protection
(سهامی خاص) سیستم های حفاظت کاتدی (پارس) تولید و اجرا

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REVISION RECORD SHEET

Sheet	Revision						Remark	Sheet	Revision						Remark
	00	01	02	03	04	05			00	01	02	03	04	05	
1	X							41							
2	X							42							
3	X							43							
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1. PURPOSE

Purpose of this document is defining main technical specification of equipment for Cathodic protection system of project as data sheet.

2. STANDARDS AND CODES

The below listed, but not limited to, examples of Standards applicable to Cathodic Protection, with its references to other regulative bodies Standards and Recommended Practices are provided to the users for their consideration and decision to implement.

IRANIAN PETROLEUM STANDARDS (IPS)

- IPS-E-TP-820: Engineering standard for Cathodic protection system
 IPS-I-TP-820: Inspection standard for monitoring Cathodic protection system
 IP-M-EL-155 Material and equipment standard for transformer rectifiers for Cathodic protection
 IPS-M-TP-750 Material and equipment standard for Cathodic Protection transformer

BRITISH STANDARD INSTITUTE (BSI)


- BS 7361: Pt.1 Cathodic protection – Code of practice for land and marine applications

INTERNATIONAL STANDARD ORGANIZATION (ISO)

- ISO 15589-1 Cathodic protection of pipeline transportation systems, Part 1: On-Land pipelines.

AMERICAN SOCIETY FOR TESTING MATERIAL (ASTM)

- ASTM A518M Standard Specification for Corrosion-Resistant High-Silicon Iron Castings
 ASTM B265 Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate

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3. DATA SHEET OF MATERIALS

3.1. MMO String Anode

Reference	ASTM B338
Diameter	25 mm.
Length	1000 mm.
Current Density	100 A/m ² .
Current Output of Anode	8 A.
Catalyst	IrO ₂ +Ta ₂ O ₅
Anode Brand	PG Pars
Anode Origin	IRAN
Cable Brand	Metal
Cable Type	XLPE/PVC
Cable Size	1×16
Number of string anodes	2
Center to Center anode cable size	4.5 m