 <p>PG PARS CO Corrosion control & Cathodic protection شرکت پارسی پی آر سی تخصص در حفاظت کاتدی و کنترل خوردگی</p>	<h2>DATA SHEET</h2>	
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Data Sheet for MMO String Anode

00	16-Jan-2023	Issued for Comment	Z.Asadi	M.Fatehi	M.Tehrani
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

REVISION RECORD SHEET



PGP PARS CO

شرکت پارسی پی آر سی
Corrosion control & Cathodic protection
تعمیرات و نگهداری

DATA SHEET

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Rev:00

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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	6
Center to Center anode cable size	4.5 m
Total Cable Size	According to MTO