
 <p>PG PARS CO شرکت پارسیان Corrosion control & Cathodic protection حفاظت کاتدی و کنترل خوردگی</p>	<h2>DATA SHEET</h2>	
<p>Document Title:</p>	<p>Zn-ZnSO₄ Permanent Reference Electrode Data Sheet</p>	<p>Page 1 of 2</p>
<p>Document No.:</p>	<p>PGP-NN-001-DSH-001</p>	<p>Rev: 00</p>

Zn-ZnSO₄ Permanent Reference Electrode Data Sheet

00	29-Jul-2023	Issued for Comment	Z.Asadi	Z.Asadi	M.Tehrani
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

 <p>PG PARS CO Corrosion control & Cathodic protection کنترل خوردگی و حفاظت کاتدی</p>	<h2>DATA SHEET</h2>	
Document Title:	Zn-ZnSO ₄ Permanent Reference Electrode Data Sheet	Page 2 of 2
Document No.:	PGP-NN-001-DSH-001	Rev: 00

1.1. Permanent Reference Electrode (Zn/ZnSO₄)

Standard	– NACE TM 0497
Type Of Reference Electrode	Permanent
Type Of Reference Electrode	Zn / Znso ₄
Dimension Without Backfill:	(150±10D □ 210±10L) Mm
Dimension With Backfill:	(210D □ 400±20L) Mm
Weight Without Backfill:	5 Kg
Weight With Backfill:	15 Kg
Lead Cable Size:	According To MTO
Lead Cable Length:	According To MTO
Insulation Material	Epoxy Resin
Potential	-1028±100 mV (Respect To SCE Reference Electrode)
Potential	-800±100 mV (Respect To SHE Reference Electrode)
Design Life:	25years.
Back Fill	75% Gypsum ,20% Bentonit,5% Sodium Sulphate: