

 Danesh Aria شرکت دانش آریا (سهامی خاص)		DATA SHEET Reference Electrode		DOC NO.:	---
Standard:		BS 7361		TITLE:	Cu-CuSO ₄ Reference Electrode (Permanent)
1	TYPE OF REFERENCE ELECTRODE	1.1	<input checked="" type="checkbox"/> Permanent		
		1.2	<input type="checkbox"/> Portable		
2	TYPE OF REFERENCE ELECTRODE	2.1	<input checked="" type="checkbox"/> Cu / CuSO ₄		
		2.2	<input type="checkbox"/> Ag / Ag Cl		
3	DIMENSION	3.1	Without Backfill:	(150 _D × 250 _L) mm	
		3.2	With Backfill:	(290 _D × 610 _L) mm	
4	WEIGHT	4.1	Without Backfill:	5 Kg	
		4.2	With Backfill:	17 Kg	
5	INTERNAL COPPER WIRE	5.1	Length:	12 m	
		5.2	Size:	2 mm Diameter	
6	EXTERNAL COPPER WIRE	6.1	Length:	Acc.to request	
		6.2	Size:	Acc.to request	
		6.3	Sheath:	Acc.to request	
7	CONNECTION OF INTERNAL WIRE TO EXTERNAL WIRE	7.1	<input checked="" type="checkbox"/> Cable Gland		
8	INSULATION MATERIAL	8.1	<input checked="" type="checkbox"/> Epoxy Resin		
9	MECHANICAL CHARACTERISTICS	9.1	<input checked="" type="checkbox"/> Ceramic Covering		
		9.2	<input checked="" type="checkbox"/> Copper Winding		
		9.3	<input checked="" type="checkbox"/> Plastic Cap		
10	ELECTRICAL PROPERTIES	10.1	POTENTIAL:	70±20 mV (Respect to SCE Reference Electrode)	
		10.2	POTENTIAL:	320±20 mV (Respect to SHE Reference Electrode)	
11	BACK FILL	11.1	<input checked="" type="checkbox"/> Yes	Gypsum:	75%
				Bentonit:	20%
		11.2	<input type="checkbox"/> No		
12	DESIGN LIFE	12.1	25 Years		

Client's Approval Name: Date: Sign:
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