



Danesh Aria
شرکت دانش آریا (سهامی خاص)

DATA SHEET
ZINC EARTHING CELL

Client:

Doc No.:

Inquiry No.:

Project: ---

Standard: ASTM-B 418, IPS-M-TP-750/3

No. of ZEC: ---

Date:

1	APPLICATION	1.1	<input checked="" type="checkbox"/> Zinc Earthing Cell	Code	
		1.2	<input type="checkbox"/> Hull Anode	Code	
		1.3	<input type="checkbox"/> Military Anode	Code	
		1.4	<input type="checkbox"/> Off Shore Structure & Jetties	Code	
		1.5	<input type="checkbox"/> Heart Exchanger	Code	
		1.6	<input type="checkbox"/> Ballast Tanks	Code	
2	CHEMICAL COMPOSITION	2.1	Copper:	0.002% max	
		2.2	Aluminum:	0.005% max	
		2.3	Iron:	0.0014% max	
		2.4	Cadmium:	0.003% max	
		2.5	Lead:	0.003% max	
		2.6	All Other:	0.012% max	
		2.7	Zinc:	Remainder	
3	DIMENSION & WEIGHT	3.1	Anode Dimension:	2*(36_w × 36_H × 1520_L) mm	
		3.2	Bag Dimension:	(150_D × 1800_L) mm	
		3.3	Anode Weight (Approx):	3.3.1	Without Backfill: 27 kg
				3.3.2	With Backfill: 50 kg
4	CABLE	4.1	<input checked="" type="checkbox"/> Yes	4.1.1	Length: Acc. PO
				4.1.2	Size: Acc. PO
				4.1.3	Cable Insulation Type
		4.1.3.2	<input type="checkbox"/> Single Jacket PVC		
		4.1.3.3	<input checked="" type="checkbox"/> double Jacket XLPE/PVC		
		4.2	<input type="checkbox"/> No		
5	BACK FILL	5.1	<input checked="" type="checkbox"/> Yes	Gypsum	75%
				Bentonite:	20%
				Sodium Sulphate:	5%
5.2	<input type="checkbox"/> No				
6	ELECTRICAL PROPERTIES	6.1	Potential: (Respect to Cu/CuSo₄)	-1.05 V Reference Electrode)	
		6.2	Capacity:	780 Ah/Kg (min)	
		6.3	Efficiency:	90%	



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Client's Approval

Name:

Signature: