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TITLE:

SACRIFICIAL MAGNESIUM ANODE- 9 LB

(High Potential)

DWG CODE:

BAMR1L350W90G4100-H

DOC NO.:

4-DR-16

Specifications & Properties

Anode Dimension (mm)	L=350 ; W=90 ; H=90
Insert	Dimension (mm): A=260 ; B=16 ; T=1.5 Material: Galvanized Steel
Gross Wt. (Kg) (Approx.)	Without Backfill= 4.1 ; With Backfill= 10
<input checked="" type="checkbox"/> Cable	Dimension: Length=10000 (mm) ; Size=1*16 (mm ²) Shield: XLPE/AWA/PVC
<input checked="" type="checkbox"/> Back Fill (%)	Gypsum=75 ; Bentonite=20 ; Sodium Sulphate=5

NOTE:

Electrochemical Properties of Magnesium Anodes

Acc. To IPS-M-TP-750/3

Electrochemical capacity (Ah/kg)	1200
open circuit potential (V) (Respect to CU/CUSO4 Reference Electrode)	-1.7
Efficiency (%)	50

Chemical Composition of Magnesium Anodes

Acc. To IPS-M-TP-750/3

Aluminum	0.01% max
Manganese	0.9-1.2%
Copper	0.02% max
Iron	0.03% max
Nickel	0.001% max
Other	0.05% max
All other	0.3% max
Magnesium	Remainder

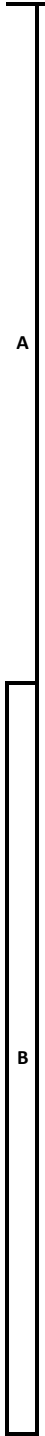
Approved by BORNA GODAZ Co.

Name & Signature:

Client's Approval

Name & Signature:

	NAME	DATE
Design & Draw:	A.PAYAMI	06 APR 2015
Checked:	A.AKHLAGHI	06 APR 2015
Approved:	M.NASRI	08 APR 2015
SCALE:	A4	SHEET 1 OF 1



A

B