

ENGINEERING DEPARTMENT
693A Spanish Town Road, Kingston 11
Tel 937-9320, Fax 937-9259

T & D MATERIAL PURCHASING SPECIFICATION

JPS SPECIFICATION: GB-50-010312	DATE: March 1, 2012
	SUPERSEDES: All Previous
ITEM STOCK.: 50128	

DESCRIPTION: BACKFILL, GROUND

APPLICATION: Ground backfill shall be suitable for use as backfill for earth electrodes in high resistivity areas.

SPECIFICATION

Backfill, Ground, shall be powdery in form and shall be made from conductive material produced from chemically stable substances low in sulphates and chlorides. Ground backfill shall have a carbonic content greater than 85% measured by weight and shall be environmentally safe. Backfill shall be suitable for direct application around ground electrodes and shall not set into a hardened state when moisture is absorbed.

Ground backfill shall have added properties as follows:

- Specific Resistance: < 25 Ω .cm
- Highly resistive to corrosion in grounding conductors.
- Low susceptibility to shrinkage.
- Highly conductive of moisture and minerals.
- Long shelf life.



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Recommended packaging quantity of 22.73 kg. (50 lbs.) bags. Bags shall be palletized in shrink-wrapped packaging to a height not exceeding 1.2 metre (4 feet).

Manufacturers shall complete the attached data sheet and submit along with their bids.

 Prepared By: Leroy Fisher Engineer Engineering Department	Approved By:  Lloyd Blackwood Manager, Engineering
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T & D MATERIAL DATA SHEET – GROUND BACKFILL

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Manufacturer/Supplier	
Product Name	
Materials Content	
Catalogue No.	
Manufacturing Standard(s)	
Testing Standard(s)	
Resistivity	
Carbonic Content (%)	
EPA Approved ?	
Installation Guidelines Attached ?	
Standard Packaging Quantity	
Cubic Content (cubic metre per bag)	
Palletized in Shrink-wrapped packaging?	