



Document No.	GIS 12-354
Applicability	Group
Date	3 September, 2003

Guidance on Industry Standard for Stationary Batteries (IEEE)

GIS 12-354

BP GROUP
ENGINEERING TECHNICAL PRACTICES

Foreword

This is the first issue of Engineering Technical Practice (ETP) GIS 12-354. This Guidance on Industry Standard (GIS) is based on parts of heritage documents from merged BP companies:

Amoco (ACES)

EL-DC-BAT-P Electrical—DC Equipment—Batteries—Supply Specification

BP GOMDW

EL-SP-4052 Batteries

BP Chemicals

CP 17-9-1 Station Batteries and Battery Chargers

BP (RPSE)

GS 112-10 Secure Static AC Power Supplies for Control Systems

GS 112-11 Guidance for Specification GS 112-11 DC Power Supplies

Copyright © 2003, BP Group. All rights reserved. The information contained in this document is subject to the terms and conditions of the agreement or contract under which the document was supplied to the recipient's organization. None of the information contained in this document shall be disclosed outside the recipient's own organization without the prior written permission of Manager, Standards, BP Group, unless the terms of such agreement or contract expressly allow.



Table of Contents

	Page
Foreword	2
1. Scope	4
2. Normative references	4
3. Design	4
3.1. General	4
3.2. Markings	5
3.3. Accessories	5
4. Lead-acid batteries	6
4.1. General	6
4.2. Construction	6
4.3. Flooded lead-acid cells	6
4.4. Valve regulated lead-acid cells (absorbed or gelled electrolyte)	7
5. Nickel cadmium batteries	7
5.1. General	7
5.2. Construction	7
6. Battery racks	8
6.1. General	8
6.2. Battery mounting	8
7. Inspection and testing	8
8. Shipping	8

