



IEEE Guide for the Implementation of Inductive Coordination Mitigation Techniques and Applications— Corrigendum 1

IEEE Power & Energy Society

Sponsored by the
IEEE Power Systems Communications Committee

IEEE
3 Park Avenue
New York, NY 10016-5997, USA

16 October 2009

1137TM-1991/Cor 1-2009
(Corrigendum to
IEEE Std 1137-1991)

IEEE Guide for the Implementation of Inductive Coordination Mitigation Techniques and Applications— Corrigendum 1

Sponsor

IEEE Power Systems Communications Committee
of the
IEEE Power & Energy Society

Approved 11 September 2009

IEEE-SA Standards Board

Abstract: IEEE Std 1137™-1991 provides guidance for controlling or modifying the inductive environment and the susceptibility of affected wire line telecommunications facilities in order to operate within the acceptable levels of steady-state or surge induced voltages of the environmental interface (probe wire) defined by IEEE Std 776™-1987. Procedures for determining the source of the problem are given. Mitigation theory and philosophy are discussed, and mitigation devices are described. The application of typical mitigation apparatus is addressed. Advice for determining the best engineering solution is offered, and general safety considerations are discussed.

This corrigendum corrects Table 3—Longitudinal Balance Performance Thresholds and the first and last sentences of the third paragraph in 8.5 of IEEE Std 1137-1991.

Keywords: coordination, coupling, harmonic, ICEP, impedance, inductive, influence, mitigation, mutual, noise, power, susceptibility

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

Copyright © 2009 by the Institute of Electrical and Electronics Engineers, Inc.
All rights reserved. Published 16 October 2009. Printed in the United States of America.

IEEE is a registered trademark in the U.S. Patent & Trademark Office, owned by the Institute of Electrical and Electronics Engineers, Incorporated.

PDF: ISBN 978-0-7381-6054-2 STD95965
Print: ISBN 978-0-7381-6055-9 STDPD95965

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.