

## DOCKETED

<b>Docket Number:</b>	13-ATTCP-01
<b>Project Title:</b>	Acceptance and Training Certification
<b>TN #:</b>	207291-6
<b>Document Title:</b>	International Pipe Trades Joint Training Committee, Inc. - Appendix D Start Test and Balance (Face Sheet)
<b>Description:</b>	This book is with the California Energy Commission Efficiency staff
<b>Filer:</b>	Rachel Shuman
<b>Organization:</b>	United Association Training Department
<b>Submitter Role:</b>	Applicant Representative
<b>Submission Date:</b>	1/13/2016 5:39:38 AM
<b>Docketed Date:</b>	1/13/2016

# START, TEST AND BALANCE

INTERNATIONAL  
**Pipe  
Trades**  
JOINT TRAINING COMMITTEE, INC.

for  
UNITED ASSOCIATION  
JOURNEYWORKERS & APPRENTICES

---

Copyright © 2003 by  
International Pipe Trades Joint Training Committee, Inc.  
Composed of representatives of the

*United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada (UA), the Mechanical Contractors Association of America, Inc. (MCAA), the Union-Affiliated Contractors (UAC) affiliated with the Plumbing-Heating-Cooling Contractors — National Association (PHCC-NA) and the National Fire Sprinkler Association Inc. (NFSA)*

---

Under the Direction  
of the  
United Association Training Department

---

All rights reserved. This book or any part of it may not be reproduced  
in any form without the written permission of the copyright owner.

Printed in the United States of America on environmentally friendly, Recycled Paper ♻️ with Soy Inks

First Edition 1976

Reprinted 1987

Revised 1993

Revised 2003

Reprinted 2006, 2009, 2013 and 2014

Copyright © in the United States of America and Canada, 2003

International Pipe Trades Joint Training Committee, Inc.  
687-B Commerce Drive  
Upper Marlboro, MD 20774  
(301) 218-1241

<http://www.ua.org>



---

This training manual has been prepared for the use of United Association journeymen and apprentices. It was compiled from information sources which the International Pipe Trades Joint Training Committee, Inc. believes to be competent. However, recognizing that each type of piping system and mechanical equipment installation must be designed to meet particular needs and code requirements, the Committee assumes no responsibility or liability of any kind in connection with this training manual or its use by any person or organization and makes no representations or warranties of any kind hereby.

This manual contains instructions for the safe use of various types of tools and equipment that are used in the installation, testing, repair, maintenance and servicing of equipment related to the subject matter. Those instructions, along with the tables, charts, drawings and photographs which appear in this training manual, are *not* intended to set standards for their use and application and manufacturers' type. Rather, they are designed to familiarize journeymen and apprentices with some of the factors and considerations involved.

---