

AMERICAN FOREST & PAPER ASSOCIATION

AF&PA RECOVERY BOILER PUBLICATIONS

RECOVERY BOILER TRAINING PROGRAM (Revised June 1996) - Incorporates the latest Technology generically applicable to all Recovery Boilers. Includes 9 modules for Technical Guide of 1,300 pages of text and hundreds of illustrations and diagrams, and 9 modules for Instructor Guides consisting of detailed instructions - 1,400 pages of text and 378 handout sheets for classroom use.

CBT-BASED RECOVERY BOILER TRAINING PROGRAM - Launched in the OPTIMAS CBT Platform provides original AF&PA hard-copy training program. The base installation, which can be modified by the end-user, is a complete, generic, easy-to-implement program complete with text and illustrations, 60+ quizzed, OPTIMAS user and admin guides, course assignments, results tracking and report generation. The Program may be ordered from Power Specialists Assoc., Inc. 531 Main Street, Somers CT 06071 (Phone 860-763-3241)

RECOVERY BOILER REFERENCE MANUAL - Three volumes of reference material for corporate engineers, boiler operators, supervisors as well as all others involved in inspections and repairs of Recovery Boilers. Volumes I and II revised June 1991 and Volume III revised March 1994.

- Volume I - Chapter I – Inspections; Chapter II - Nondestructive Testing
- Volume II - Chapter III - Maintenance and Repair Analysis; Chapter IV - Repair Guidelines and Practices
- Volume III - Chapter V - Operational Effects; Chapter VI - Case History Descriptions

RECOVERY BOILER SAFETY AUDIT GUIDELINES (Revised December 2004) - Developed by AF&PA Operations and Maintenance Subcommittee based on a general consensus of current procedures employed in pulp mills. The purpose of the recovery boiler audit program is to reduce the risk of explosions by evaluating the overall safety and reliability of black liquor Recovery Boiler operations.

GUIDELINES FOR SPECIFICATION AND CONSTRUCTION OF BLACK LIQUOR RECOVERY BOILERS (Revised May 2011) - Developed by AF&PA Operations and Maintenance Subcommittee to improve existing procedures and lead to a safer, more reliable Recovery Boiler. It is not intended to serve as a complete boiler specification but can serve as a checklist of major topics and items to be resolved by the manufacturer and the user during boiler specification and proposal discussions.

"KRAFT RECOVERY BOILERS" (2019)- A comprehensive Recovery Boiler textbook by the AF&PA and written by eight Recovery Boiler experts. The book was edited Dr. Honghi Tran with contributions from Drs. Honghi Tran, Terry Adams, Mikko Hupa, William J. (Jim) Frederick, Jr, Thomas M. Grace, Andrew K. Jones, W.B.A. (Sandy) Sharp, and Douglas Singbeil. It covers all aspects of Recovery Boilers including: black liquor properties, combustion chemistry, black liquor and char bed burning, air and liquor systems, plugging, corrosion, design, safety and control. The book may be ordered through TAPPI Press. Here is the link to the TAPPI Press Website for the new Kraft Recovery Boilers Book:
<https://imisrise.tappi.org/TAPPI/Products/01/R/0101R358.aspx>.

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ORDER FORM

	<u>AF&PA Member</u>	<u>Non-AF&PA Member</u>	<u>QUANTITY</u>
<u>Recovery Boiler Training Program</u>			
Technical Manual	\$ 600.00	\$ 1,800.00 *	_____
Instructors Guide**	600.00	1,800.00 *	_____
Complete Training Program	1,200.00	3,600.00 *	_____
CD (set of Tech. Manual & Instructor Guide)	120.00	360.00 *	_____
*Plus, shipping charges overseas			
CD for Instructors Guide not sold without purchase of hard copy.			

Reference Manual (Printed Copies)

Volume I	\$ 225.00	\$ 675.00 *	_____
Volume II	225.00	675.00 *	_____
Volume III	<u>225.00</u>	<u>675.00</u> *	_____
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Reference Manual (Electronic Copies) Total for all 3 No Charge \$2,025.00 _____

Recovery Boiler Safety Audit Guidelines No Charge No Charge _____

Guidelines for Specification and Construction of Black Liquor Recovery Boilers No Charge No Charge _____

Textbook - "Kraft Recovery Boilers" \$ 244.00 \$ 244.00 _____
(Order through TAPPI Press – see page 1)

CBT-Based Recovery Boiler Training Program
(Ordered through PSA - see page 1)

Total cost of order: _____

Return to:

AF&PA - Recovery Boiler Program
C/O: Program Excellence, LLC
Attn: Wayne Grilliot, Manager
712 Murrell Drive
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