

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, 313 overhead transparencies 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" (1997)- A comprehensive recovery boiler textbook by the AF&PA and written by seven recovery boiler experts. The book was edited Dr. Terry Adams with contributions from Drs. Jim Frederick, Tom Grace, Mikko Hupa, Honghi Tran, Andy Jones and Kristiina Iisa. 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, P. O. Box 102556, Atlanta, GA 30368-0556.

(This book is being updated. The new third edition will be available in late 2019)

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Technical Manual	\$ 275.00	\$ 800.00 *	_____
Instructors Guide**	500.00	1,200.00 *	_____
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<u>Recovery Boiler Safety Audit Guidelines</u>	No charge	No charge	_____
<u>Guidelines for Specification and Construction of Black Liquor Recovery Boilers</u>	No charge	No charge	_____
<u>Text Book - "Kraft Recovery Boilers"</u>	\$75.00	\$112.00	
(Ordered through TAPPI Press - see page 1)			
<u>CBT-Based Recovery Boiler Training Program</u>			
(Ordered through PSA - see page 1)			

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