

INDUSTRY NEWS

NORTH AMERICA

MILLS AND CONVERTERS

UNITED STATES

Bowater started up an AES Engineered Systems Thermo-Jet™ shower for dryer fabric cleaning on PM No. 6 at East Millinocket, ME.

Comco International installed a Greystone 1600™ slitter/rewinder at its Applications Training and Demonstration Center in Milford, OH. Comco is an international supplier of in-line flexographic printing equipment for the label, flexible packaging, and folding carton industries.

CORRUPAD/USA is completing a cushioning component manufacturing and assembly facility in Hayward, CA. The 40,000-ft² facility, expandable to 58,000 ft², will also serve as a customer storage facility supporting just-in-time delivery for clients west of the Rocky Mountains; it will employ as many as 40 people.

Daishowa installed an AES Engineered Systems mist eliminator system at its Port Angeles, WA, facility.

Edge Wallboard ordered AES Engineered Systems showers and EMO III oscillators for a paper machine rebuild at Downingtown, PA.

Gilbert Paper installed an Automatän Model 7300 jogger/aerator load turner to ready loads of fine paper at Gilbert's Menasha, WI, mill.

Grafcor Packaging purchased Advanced Software's Windows-based ADVANTZWARE box management system for its corrugated sheet plant and its folding carton plant in Rockford, IL.

Great Northern Paper selected IMERYS to construct a satellite precipitated calcium carbonate (PCC) plant at its Millinocket, ME, mill site. IMERYS will supply its Opti-Cal™ Neutrally Buffered PCC and Opti-Cal™ coating PCC to the mill.

Rafitac, a part of Finland-based UPM-Kymmene Corp., will spend about US\$ 45 million to build and equip a new self-adhesive label stock manufacturing plant. Production at

the factory, which will be located in Fletcher, NC, is scheduled to begin in 2001.

Republic Paperboard purchased a Voith Sulzer Deflaker™ for its Lawton, OK, mill. The Type 2E Deflaker will be installed as part of the broke system. Delivery is scheduled for this month.

USG Interiors, Cloquet, MN, started up a new Thermo Black Clawson Hydrapulper® pulping machine to reclaim broken and off-quality ceiling tiles. Startup is scheduled for October 2000.

Wausau Paper Mills, Jay, ME, selected Core Link to supply an Automatic Core Cutter Type CL 3090 with one manual core notcher. The unit is scheduled to be installed in the second quarter of 2000.

West Linn Paper Co. is rebuilding PM No. 3 at West Linn, OR. The project includes adding new ABB machine gauging, Voith slotted screens and dilution headbox, press upgrades, and Cellico cleaners. Completion is scheduled for April 2001.

Willamette Industries selected Valmet to supply a large fine paper machine for its Kingsport, TN, paper mill. Delivery will take place in spring 2001, and startup is planned for June 2002.

CANADA

Bowater ordered a Rockwood International ash handling system for its Thunder Bay, ON, facility. The system, which will be installed on a new Ahlstrom recovery boiler, will include complete engineering design combined with En-Mass drag chain conveyors, rotary feeders, and all associated equipment.

Minas Basin Pulp installed a Vincent Model CP-12 screw press at its Hantsport, NS, mill. It is used to dewater OCC tertiary/quaternary rejects and waste sludge prior to hauling to landfill.

LATIN AMERICA

MILLS AND CONVERTERS

BRAZIL

NEWS FROM CELSO FOELKEL

RIOCELL IMPLEMENTS CLEANER PRODUCTION PROGRAM

Riocell has always been regarded as a reference point for environmental responsibility and innovation. Thanks to its outstanding end-of-pipe measurements and a well-managed environmental system, the company performs an industrial activity with minimum impact to the environment. This policy culminated in an ISO 14001 certification in 1996. The

company's Brazil facility was one of the first mills to receive this certification.

During implementation of the management system, emphasis was placed on reducing the generation of solid residues. A special task force was created, and the task force is still active, working to prevent pollution. In September 1998, the task force incorporated its analysis with the viewpoints and methodology of the UNEP/UNIDO Cleaner Production Program. Cleaner production means to make more, using better and less energy and materials, consequently discarding less waste/residue/effluent and consuming less energy and raw materials.

INDUSTRY NEWS

LATIN AMERICA CONTINUED

The philosophy behind implementing the program is to attack pollution at its source, eliminating or reducing residues. Wastes are raw materials that have additional economic value due to inputs of labor, energy, chemicals, reactions, etc.; following these inputs, wastes are discarded as pollution. There are many opportunities to reduce waste and to improve eco-efficiency.

The mill is being evaluated area by area, searching for opportunities to reduce pollution by adopting new management procedures or modifications in technology. In general, most opportunities do not require large investments but rather changes in the way things are done. The program is oriented to attitudes and management; however, in some cases, minor investments are required. The purchases are normally paid for in a few months due to the excellent rates of return.

—Foelkel is a consultant at Celsius Degree, Porto Alegre, Brazil.

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ASIA PACIFIC

AUSTRALIA

NEWS FROM HUNTLY G. HIGGINS

AWARDS

The Appita L. R. Benjamin Medal for 1999 has been awarded to Dr. Adrian A. E. Wallis of CSIRO Forestry and Forest Products, who has made outstanding contributions to the progress of the pulp and paper industry in Australia. His work has included distinguished contributions to wood chemistry, the structure and reactions of lignin, novel pulping technologies, cellulose chemistry and technology, and improved analytical methods. As manager of the Pulp and Paper Products Program in CSIRO and co-director of the Cooperative Research Centre for Hardwood Fibre and Paper Science, he has consistently steered the work toward the needs of the pulp and paper industry. Wallis, who has received various marks of international recognition, was president of Appita in 1997-98.