

Leaning and Greening your Finishing Operations

Friday 25th September 2009, 8.30am – 12.30pm

International Centre, Toronto (at the Wood Machinery and Supply Expo trade show)

This half-day program focuses on ways to achieve greater cost efficiencies in the finishing department without compromising quality standards. At the same time, the seminar will introduce participants to the latest innovations in finishing materials and application methods, and in particular the ways that manufacturers can utilize water-based and other green finishing methods to achieve regulatory compliance and marketing advantage. The seminar is presented by the UBC Centre for Advanced Wood Processing and Wood & Wood Products magazine. The two organisations have been offering finishing education for wood products manufacturers since 2002, including four industrial finishing conferences in Atlanta and several seminars in Toronto.

8.30am	<i>Welcome and Introductions</i>		
8.40am	Session 1	Equipment Innovations and Updates that help achieve Lean, Green Finishing	Bob Kostelnik, Education Manager, Cefla Finishing America
9.15am	Session 2	Practical Strategies for Efficiency and Quality in the Finishing Room <ul style="list-style-type: none"> ▪ Reducing costs by incorporating quality management tools ▪ Tips and tricks to increase the efficiency and profitability of your finishing department 	Jason Chiu, Technical Specialist, UBC Centre for Advanced Wood Processing
9.50am	Session 3	Research & Development Update: Improving the Quality and Consistency of Finishes <ul style="list-style-type: none"> ▪ Achieving colour consistency with wiping stains-the importance of wood moisture content ▪ Preparation of wood surfaces before application of water-based finishes. How to reduce grain raising 	Phil Evans, Professor and B.C. Leadership Chair in Advanced Forest Products Manufacturing Technology, University of British Columbia
10.25am	<i>Refreshment Break</i>		
10.45am	Session 4	Case Study: Adopting Green Principles in the Finishing Room – Experiences of a Canadian Cabinet Manufacturer	Raywal Kitchens, Thornhill, Ontario
11.20am	Session 5	Integrating Finishing Technologies, Processes and Quality Practices to transition into a Green Manufacturing Organisation	Mahsa Lotfioff, Partner and Project Manager, M+M Wood Solution
11.55am	Technical Panel	A panel of finishing materials suppliers provide practical strategies and troubleshooting advice for manufacturers. Bring your questions to this interactive Q&A session, then visit presenters' booths afterwards for practical demonstrations	
12.25am	<i>Summary and Closing Remarks</i>		

Session and Presenter Details

Session 1: Equipment Innovations and Updates that help achieve Lean, Green Finishing

Bob Kostelnik is Director of Technology and Education at Cefla Finishing America, and has over 40 years of experience in industrial wood finishing. Bob received his Bachelor of Science from the University of California where he also did graduate studies in Risk Management. He began his career as a formulating chemist of wood coatings. After 6 years in the laboratory, he moved on to roles in field technical service, sales, and then marketing and management. He oversaw the development and implementation of the first UV line for wood finishing in California in the early 1970s. During his long career in coatings, he served in positions as Technical Director, General Manager, and Vice President at coatings manufacturers.

In 1981, Bob founded HK Research, a coatings company manufacturing wood coatings and polyester gel coats. Bob joined Stiles Machinery in 1997 as Finishing Product Manager, adding experience in machine applications to his chemical background. Stiles Machinery formed a joint venture with Cefla SpA of Italy in 2003, and Bob transferred to the new company, Cefla Finishing America, where he holds his present role.

Bob's presentation will examine recent developments in finishing equipment and their relevance for the implementation of lean manufacturing and green finishing strategies.

Session 2: Practical Strategies for Efficiency and Quality in the Finishing Room

Jason Chiu is a Technical Specialist at CAWP who holds a Bachelor of Science in Wood Products Processing. Jason has worked in several technical roles within the window and door industry and has been with CAWP since 2002. For the last three years he has served as online course tutor for the Certificate in Industrial Wood Finishing. Jason is also a quality control specialist who has overseen QC program implementations for several wood products manufacturers. Jason has provided in-plant training services to many companies on wood finishing, sanding, quality management, and other topics. Jason will discuss easy-to-implement ways to increase finishing quality and efficiency, based on his first-hand experiences as a quality analyst and technical specialist in dozens of manufacturing facilities in North America and overseas.

Session 3: Research & Development Update: Improving the Quality and Consistency of Finishes

Dr. Phil Evans, is Professor and B.C. Leadership Chair in Advanced Forest Products Manufacturing Technology, at the University of British Columbia. He obtained his Bachelors degree and Ph.D from the University of Wales and undertook a period of post-doctoral research in Abertay University in Scotland before emigrating to Australia to take up a position at The Australian National University. Prior to coming to UBC, Dr Evans was Reader in Wood Science and Director of the Centre for Science and Engineering of Materials at The Australian National University. Dr Evans is the author of over 120 publications and his research focuses on the surface properties of wood for high value applications. Phil's presentation will introduce new technical information on how high quality wood surfaces can be achieved, based on the results of recent research projects at UBC.

Session 4: Case Study: Adopting Green Principles in the Finishing Room – Experiences of a Canadian Cabinet Manufacturer

Raywal Kitchens, located in Thornhill, Ontario, manufactures kitchen cabinets for both custom and commercial builder markets. Over the last two years the company has pursued an aggressive strategy to transform its manufacturing operations to reflect green principles and practices, ultimately resulting in its attainment of certification under the KCMA Environment Stewardship program. This session will tell the story of that transition, highlighting lessons learned and critical success factors, and will be presented by a senior production manager.

Session 5: Integrating Finishing Technologies, Processes and Quality Practices to transition into a Green Manufacturing Organisation

Mahsa Lotfioff is founder and partner of M+M Wood Solution, and is actively involved as owner, wood engineer, consultant, and project manager. Lotfioff started her journey in the secondary wood manufacturing industry by undertaking her Bachelor of Science degree in Wood Products Processing at UBC. She has 8 years of experience as a quality and engineering manager in the secondary wood manufacturing / furniture industry. She is experienced in implementing lean concepts, quality systems and 5S, in addition to developing and executing training courses.

As Partner in M+M Wood Solution, she is committed to environmental sustainability, and has developed and implemented environmental management systems and practices for the secondary wood manufacturing industry to ensure that environmental requirements are fully integrated into manufacturing business practices.

Drawing upon the contributions of the previous speakers, Mahsa will summarise the “big picture” as it relates to green finishing and manufacturing. She will discuss the steps that companies must take to exploit opportunities presented by the green market, highlighting the need for an integrated approach involving all facets of the organisation.

Further information:

Toll Free: 1-866-822-2297

To register, please follow this link: <http://www.woodworkingexpo.ca/registration.html>

Registration Fee: \$175