



Two-day Training Workshop
Implementation of Cleaner Production Technologies and
Best Environmental Management Practices
At
Lahore, Karachi and Faisalabad

WORKSHOP PROGRAM

Session Number	Timings	Activity	Speaker
		Day -1	
1	08:45-09:00	Registration of Participants	
	09:00-09:05	Welcome Remarks	AUK
	09:05-09:10	Objectives of the Workshop	AUR/HA
	09:10-09:15	Workshop Norms & Introduction of Manual	
	09:15-09:30	Introduction of Participants	
2	09:30-10:15	Presentation: Textile & Environment 1. Textile and Environment 2. Why take environmental measures? 3. Why do Western companies bother about environment? 4. Potential benefits of good environmental practices	MW
	10:15-10:30	Q/A & Discussion	MW
	10:30-10:45	Tea Break	
3	10:45-11:30	Presentation: Eco-Labels for Textiles 1. What is an eco-label? 2. Different types of eco-labels 3. Requirements of Oeka-Tex 100	MW
	11:30-11:45	Q/A & Discussion	MW
4	11:45-12:15	Presentation: Buyers & Certification Agency Requirements 1. Oeko-Tex 100 certification procedure 2. Env. Policy/requirement of EU buyers	RH
	12:15-12:30	Q/A & Discussion	RH
	12:30-13:00	Exercise	MW
		Lunch Break	
5	14:00-15:00	Presentation: Dealing with Chemicals 1. What are hazardous Chemicals? 2. Hazardous material inventory system 3. Workplace exposure limits	AK
	15:00-15:15	Q/A & Discussion	AK
	15:15-15:30	Tea Break	
6	15:30 - 16:15	Presentation: Chemical Storage & Handling 1. Chemical storage, handling and labeling 2. Storage safety checklist	AK

		3. What is MSDS (sections and relevance)?	
	16:15-16:30	Q/A & Discussion	AK
	16:30-17:00	Exercise	AK

Session Number	Timings	Activity	Speaker
		Day -2	
1	09:00-10:00	Presentation: EMS Introduction 1. Why EMS? 2. Basic principles of EMS	AR
	10:00-10:15	Q/A & Discussion	AR
	10:15-10:30	Tea Break	AR
2	10:30-11:15	Presentation: Components of EMS 1. EMS components 2. Steps to achieve EMS certification	AR
	11:15-11:30	Q/A & Discussion	AR
	11:30-12:10	Exercise	AR
3	12:10-13:00	Presentation: Introduction of Certification Agencies Requirements 1. Process for EMS certification by a. Certification Agency 1 b. Certification Agency 2 c. Certification Agency 3	BVQI SGS DNV
		Lunch Break	
4	14:00-14:45	Presentation: Good House Keeping 1. What is Good housekeeping 2. Tips for good management practices in industry	AK
	14:45-15:00	Q/A & Discussion	AK
	15:00-15:15	Tea Break	AK
5	15:15-16:00	Presentation: Better Process Control 1. Importance of Process Controls 2. Important Process Control Parameters 3. Developing Process Control Parameters for Processes	AK
	16:00-16:15	Q/A & Discussion	AK
	16:15- 16-45	Exercise	AK
6	16:45-16:50	Closing Remarks	Chairman APTPMA
	16:50-17:00	Certificate Distribution	

HNK Hammad Naqi Khan'
HA Hania Aslam
AUR Aziz ur Rehman
AR Akxel Roorda (EMS Expert) from Royal Haskoning Netherlands

MW
AK

Marieke Weerdesteijn (Eco Label Expert) from CREM Netherlands
Anton Kaasjager (BEMPs Expert) from TNO Netherlands

Brief Bio-sketches of expatriate consultants

Antonie Kaasjager, did M.Sc Physics from University of Utrecht in 1985. He is a Textile Researcher. His areas of expertise include Industrial Processing of Fibrous materials. He has been working as a scientist at TNO Institute for Industrial Technology for 20 years. He has participated in Textile related projects which varied from energy conservation in the textile industry to fault detection with the help of image processing techniques. He has also studies water and vapour transport through textile fabrics in order to optimise the comfort experience of clothing in the last couple of years.

Marieke Weerdesteijn, is working as consultant CREM within the department Sustainable Business and Consumption since seven years. She has done various projects including: Development of EU Eco-label criteria for furniture, Revision of the Milieukeur criteria (Dutch eco-label for footwear), Development of a manual for the Dutch clothing sector for the implementation of a product oriented environmental management system. Presently she is working on provision of easy to understand information on legislative and non-legislative European market access to requirements and providing technical assistance to producers and business support organisations in developing countries. The database is used by companies such as Levi's Strauss & Co, H&M, The Gap, Reebok and C&A as one of the resources for their substance policy.

Aksel Roorda, Mr. Roorda has graduated from Universtity of Groningen in Environmental Sciences. He is Course Auditor, Lead Auditor, ISO 9001. His scientific background, in combination with practical experiences as environmental and quality management consultant enables him to translate environmental issues into pragmatic and effective tools. In the past five years Mr. Roorda gained considerable experience in applying the proven techniques in the fields of environmental and quality management systems. Presently he is working as a consultant for Environmental and Safety Management Systems with Royal Haskoning Netherlands B.V. He is the co-author of Handbook on Life Cycle Assessment, Operational Guide to the ISO Standards 2001.