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TRAINING INSTITUTIONS AND FIRMS
IN LIGHT OF FINAL REPORTS OF UNIDO EX-FELLOWS 1/

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INTRODUCTION

This document is the result of an evaluation of final reports submitted to UNIDO by individual fellows who underwent industrial training within the framework of the UNIDO fellowship operations during the period 1967 through 1974 (latest return date 31 December 1974). It does not include all fellowships awarded during this period, but only those fellowships for which final reports are on file. In addition, short awards - as for example attendance at trade fairs, exhibitions, meetings - have not been considered.

The evaluation exercise has focused attention on judgements expressed by the ex-fellows in their final reports as to the appropriateness and adequacy of the host institutes or firms in which they received training. These judgements, although subjective and possibly influenced by various psychological factors, can be useful information for all those who are concerned with the UNIDO fellowship operations. This, in particular, applies to staff dealing with the administration and organization of fellowships, substantive officers who have to make individual training programme recommendations, UNIDO Industrial Development Field Advisers as well as UNDP Resident Representatives who are concerned with selecting and pre-informing candidates, project managers and field experts who have to make recommendations for their counterpart fellows, UN offices responsible for the placement of fellows, National Supervising Agencies etc.

The material is presented according to the industrial sector or industrial function in which the training was undertaken. In some few instances where training was provided in a specific function within a specific industrial sector, cross references have been made.

"Study tour" indicates that the fellow visited a number of firms and/or institutes in a country or a number of countries; the names of these facilities are too numerous to be listed in this report, but are available in the individual file. The same applies to "visits" to firms/institutes having formed part of a fellow's training programme.

The material is presented with reference to the Specific Activities and/or Programme Components of the substantive Divisions (1974/1975), each of them starting with a new page. The respective title appears on top of each page.

Within each group of activities case by case is presented in alphabetic order according to the ex-fellows' home countries (first column). Where a number appears under the country, it means that this many fellows received the same training and made the same judgement.

The second column indicates the detailed field of study.

The third column includes the exact name(s) and, to the extent available, address(es) of the host institute(s) or firm(s).

In the last column, the ex-fellow's judgement (or lack thereof) is indicated in a very simplified way:

- + stands for positive judgements;
- stands for negative judgements;
- 0 stands for no judgement.

If only one collective judgement is given for a number of host institutes or firms, it is shown accordingly.

The final reports were normally written in the language in which the training was carried out (i.e. mainly English, French, German, Italian or Spanish) which in the majority of the cases is not the mother-tongue of the ex-fellow, nor, more often than not, the official language of the host country. This fact should be taken into consideration with respect to possible inaccuracies of names and addresses of host institutes or firms.

The Training Section is in the position to give, upon request, further information on each case.

This report is part of a continuous evaluation exercise. Any suggestions or comments are welcomed by the Training Section.

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Metal Products Industries

Home country	Field of study	Training facility	Evaluation
Bulgaria	Design, construction and automation of boilers	Oschatz, Essen, FRG; Babcock AG, Oberhausen, FRG; FAY Öl- und Gasbrenner GmbH, Stuttgart, FRG; J.C. Eckhardt AG, Stuttgart, FRG; Hartmann und Braun AG, Frankfurt, FRG	(+)
Bulgaria	Steam boilers	Service générateurs et échangeurs de chaleur thermiques et nucléaires, Dept. Etudes et Essais Thermiques, St. Denis-Chatour, France; Babcock-Atlantique, La Courneuve, France; La Société Stein Industrie, Lannoy, France; Fonderia e Officina di Saronno, l'usine FRANKINI, Bologna, Italy	(+)
Chile	Physical testing of structures	Auckland Industrial Development Division, Dept. of Scientific and Industrial Research, Auckland, New Zealand	(+)
Colombia	Tool Design	Stone Mangnese Marine, Greenwich, UK; Stone Wallwork, Charlton, UK; Bobson and Benlow, UK; Zenith Carburettens Co., Lewisham, UK; Smetwich Drop Forgings Ltd., Dudley, UK; Production Engineering Research Association (PERA), UK	(0)
Egypt	Tool and die design	Ford Company, Cologne, FRG, and Dagenham, UK	(+)

Metal Products Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Hungary	Tools for plastic formation	Fabrik für Hochleistungswerkzeuge Karl Sieber, Hamburg/Garstadt, FRG	(+)
India	Tool making and designing	Study tour: Czechoslovakia	(+)
India	Manufacture of gasket material	Study tour: USA	(+)
India	Tool making and design	Homa Engineering Ltd., Leicester, UK; C.N.C. Master Tools Ltd., Sussex, UK; Rovex Triang, West Wood, Margate, UK; Flessey Co. Ltd., Yorkshire, Leeds, UK; Remoon Electronics, Bexleyheath, Kent, UK	(0)
India	Design and manufacture of tools, jig fixtures and moulds	University of Strathclyde, Glasgow, UK; M/s Canadian General Electric Co., Ltd., Canada	(+)
Jamaica	Plastic mould design manufacturing	J. J. Harvey Ltd., Manchester, UK; Visits: UK	(+)
Khmer Rep.	Metal products industries	Ateliers du Thiriau, Louvière, Belgium; Ford Motor Co., Anvers, Belgium; Lauffer Frères, Liège, Belgium	(+)
Korea, Rep. of	Press die design	Materials Engineering Dept., University of Illinois at Chicago Circle, Chicago, Ill., USA	(+)

Metal Products Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Korea, Rep. of	Plastic deformation engineering -- die engineering	Materials Engineering Dept., University of Illinois at Chicago, Ill., USA	(+)
Poland	Techniques of manufacturing large work pieces for turbines and generators	Brown Boveri + Cie, Baden, Switzerland	(+)
Poland	Production of castings	Firma A. Stetz Ag, Stuttgart, FRG; Eisenwerk Rodinghausen, Lendringsis, FRG; Gebrueder Eickhoff, Bochum, FRG; Visits: (14) firms/institutes in FRG	(+)
Poland	Construction technology of household heating appliances	Les Forges de Ciney, Belgium; Fonderies du Lion "Efel", Belgium; Fonderies de Somy, Belgium	(+)
Poland	Modern methods of manufacturing pressforming tools and increasing the die-life	Study tour: Italy	(+)
Poland	Plasma and arc spraying of metallic, ceramic and carbide coatings	Euroflamm, Hansjoerg Werner KG, Bremen, FRG	(+)

Metal Products Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Manufacture of high quality seamless tubes	Tube Investments Ltd., Desford, UK;	(0)
		Dalmine, S.p.A. - Bergamo plant,	(+)
		Costa Volpino plant, Cepuania plant, Italy	(-)
Turkey	Mechanical engineering (forging, die and tool making)	FIAT S.p.A , Turin, Italy	(+)
Turkey	Metal products	V.F.M. Stork, Hengalo, The Netherlands	(+)

Machinery Industries
Including Agricultural Machinery and Implements

Home country	Field of study	Training facility	Evaluation
Algeria 2x	Machine tool manufacturing - production engineering	Arthur D. Little, Paris, France and Mass., USA	(+)
Argentina	Gas turbines technology	United Aircraft Corporation, East Hartford, Connecticut, USA; Visits: Switzerland; UK; USA	(+) (-)
Bulgaria	Automatic presses and construction positioning	Theodor Gräbener Maschinenfabrik, Netphen Werthenbach, FRG	(+)
Bulgaria	Building machinery	SORCA, S.A (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium; Visit to: FABRIMETAL (Fédération des entreprises de l'industrie des fabrications métalliques), Brussels, Belgium	(+)
Bulgaria	Machines for cleaning and transporting corn implements; machines for automation of silos and other installations	Study tour: Denmark; The Netherlands; UK	(+)
Bulgaria	Machine tool manufacturing - quality control	Heidenreich and Harbox, Hamburg, FRG; Pittler, Langen, FRG	(+)
Bulgaria	Design and technology of machine tools	Herbert Machine Tools, Ltd., Coventry, UK	(+)
Bulgaria	Numerical control machines in the production of machine tools	Siemens AG, Erlangen, FRG	(+)

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Machinery Industries
Including Agricultural Machinery and Implements
(cont'd)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Production technology of highly accurate gears	Study tour: (10) firms/ institutes in the UK	(+)
Bulgaria	Utilization of high productive lathes	VOEST, Linz, Austria; Visits: (1) Austria; (2) FRG	(+) (0)
Bulgaria	Machine tools	Siemens, Karlsruhe, FRG	(+)
Bulgaria	Non-break power equipment	Brown, Boveri + Cie., Baden, Switzerland	(+)
Egypt	Mechanical industries	Burmeister and Wain Engineering Co., Ltd., Denmark	(+)
Egypt	Mechanical industries	Tomos Institute, Yugoslavia	(0)
Egypt	Mechanical industries - quality control	Bouwcentrum, Rotterdam, The Netherlands	(0)
Hungary	Agricultural machinery	Institut für Landtechnik Freising, Weihenstephen, FRG; Landbruksteknisk Institutt AS, Norway	(+)
Hungary	Agricultural machinery	Study tour: (16) firms/ institutes in USA	(+)
Hungary	Safety apparatus in the machinery industry	Imperial College of Science and Technology, Dept. of Chemical Engineering and Chemical Technology, London, UK	(+)
Hungary	Machine tools	Institut de mécanique de l'université catholique de Louvain, Hererlee, Belgium; CENU, Cinisello Balsamo, (Milan), Italy	(+)

Machinery Industries
Including Agricultural Machinery and Implements
(cont'd)

Home country	Field of study	Training facility	Evaluation
India	Machine tool engineering	Fritz Werner Factory, Berlin, FRG; VOEST, Linz, Austria	(+)
India	Machine tool engineering	VOEST, Linz, Austria	(+)
India	Machine tool production	H. Kolb Maschinenfabrik, Cologne, FRG; Atelier Guillemet, Sergot et Regard, Chateaudun, France; Stabilimenti di Santenstacchio S.p.S., Brescia, Italy	(+)
India	Prototype building, testing and develop- ment of machine tools	The Machine Tool Industry Research Association, Macclesfield, UK	(+)
India	Mechanical engineering	Georgia Institute of Technology, USA; Agricultural Nitrogen Institute, Kansas City, Missouri, USA; Iowa State University, USA; Visits: USA	(0)
Korea, Rep. of	Machine tools	Study tour: Switzerland; UK	(+)
Philippines	Design of components of a grinding mill and a standard milling machine	Dominion Engineering Works Ltd., Lachine, Quebec, Canada; Ex-Cell-O Corp. of Canada; Visits: (3) firms/institutes in Canada	(+)

Machinery Industries
Including Agricultural Machinery and Implements
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Machine building industry - methods of organization, planning and programming	Programme for Executive Development at the Management Development Institute, Lausanne, Switzerland; Visits: (7) firms/institutes in Switzerland	(+)
Poland	Machine industry - product management	Massachusetts Institute of Technology, Cambridge, Mass., USA	(+)
Poland	Data processing in the machine building industry	Gebrüder Sulzer, Winterthur, Switzerland	(+)
Poland	Methods of investigating and developing turbo machines	Burmeister and Wain, Copenhagen, Denmark	(+)
Poland	Hydraulic elements in machine tools	Hydron, Milan, Italy; Hidroirma Italiana, Reggio Emilia, Italy; Sperry Rand, Milan, Italy, CEMU, Cinisello Balsamo, (Milan), Italy	(+)
Poland	Use of machine tools for injection mouldings and technical control of plastic mass-produced and rubber products	Smart and Brown Factory, Hereford, UK; British Industrial Plastics Ltd., Birmingham, UK; General Engineering Co., Radcliffe, UK; Excelsior Plastics, UK	(+)
Poland	Gas burners for industrial application	Gaswärme Institut, Essen, FRG; Engler-Bunte Institut, Universität Karlsruhe, FRG	(+)

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Machinery Industries
Including Agricultural Machinery and Implements
 (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Precision positioning of moving elements in machine tools	Ferranti Limited, Dalkeith, Scotland, UK	(+)
Poland	Machine tools manufacture	Meyer, Poth and Pastor, Cologne, FRG; Schmitz and Apell, Luppertal, FRG; Gebrüder Heller, Neuerlinggen, FRG	(0)
Poland	Machine tools manufacture	Craven-Swift Ltd., Reddish, UK; Keams-Richards Ltd., Altrincham, UK	(+)
Romania	Machine tools manufacture	QEM-Sterkrade AG, Oberhausen, FRG; MAN, Nürnberg, FRG; AEG, Berlin, FRG; Visits: France; Italy	(0)
Romania	Production of machine tools with numerical programming	Pisa University, Italy; INC-International Machinery Corp., St. Nicolas, Belgium; Visits: Italy	(+)
Romania	Programme controlled machine tools	Eng. C. Olivetti and Co., Ivras, Italy; Genovese Society for Physical Instruments, Geneva, Switzerland; Visits: Italy; Switzerland	(+)
Sri Lanka	Design, control and instrumentation of hydraulic systems	University of Bath, UK	(+)

Machinery Industries
Including Agricultural Machinery and Implements
(cont'd)

Home country	Field of study	Training facility	Evaluation
Trinidad and Tobago	Research in the field of mechanical engineering design	University of Aston, Birmingham, UK	(+)
Tunisia	Machine tools manufacture	Lochelle la Pallice, France	(+)
Tunisia	Machine tools manufacture	Franz Kühmann, Bad Lauterberg, FRG	(0)
Tunisia	Machine tools manufacturing - production engineering	Arthur D. Little, Paris, France	(+)
Turkey	Machine tools	Birmingham University, Post-graduate course in engineering production, UK	(0)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment

Home country	Field of study	Training facility	Evaluation
Bulgaria	Air conditioning technology	Institut für Wärmetechnik, Universität Stuttgart, FRG; Firma Alfred Tenes, Frankfurt, FRG; Visits: (4) firms/institutes in FRG	(+)
Bulgaria	Design and construction methods for pneumatic control systems	Fluid Power Centre, University of Bath, UK; Maxam, UK; Martonair, UK; Jouvenel et Cordier, France; Lecq, France, France	(0)
Bulgaria	Digital control computers	Lebon Informatique, France	(+)
Bulgaria	Elektrotechnique	Brown, Boveri + Cie., Baden, Switzerland	(+)
Bulgaria	Electronic analogue computers	PISC Research Establishment, Denmark; EAI Computer Centre, Brussels, Belgium; University College of North Wales, UK; City University, London, UK; Scientific Instruments Research Association, UK; Control Systems Centre, Otanemi, Finland	(+)
Bulgaria	Hybrid and analogue computers	Lanchester Polytechnic, Coventry, UK; Electronic Associates Inc., UK; European Computation Centre, Brussels, Belgium	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Installation, maintenance and repair of climatic chambers	Webber Manufacturing Co., Indianapolis, Indiana, USA	(+)
Bulgaria	Numerical control equipment	Siemens Sinumerik Schule, Erlangen, FRG	(-)
Bulgaria	Pneumatic sensors and transmitters	Taylor Instrument Corporation, UK; Foxboro-Joxoll Ltd., UK	(+)
Bulgaria	Pneumatic control instruments	Nachrichtentechnische Werke AG, (Siemens), Vienna, Austria; FESTO Maschinenfabrik, Vienna, Austria; Honeywell AG, Zurich, Switzerland	(-) (+) (+)
Bulgaria	Pneumatic control instruments	Foxboro Yoxall Ltd., Redhill, Surrey, UK; LCA Centre of Manchester Polytechnic, UK; Maxam Power Training Centre, Camborne, Cornwall, UK; Taylor Instruments Ltd., Stevenage, UK; Visits: (3) firms/institutes in the UK	(+)
Bulgaria	Small electric motors	Heidolph-Elektro KG, Kelheim, FRG	(+)
Bulgaria	Time-sharing of computers	L'École Supérieure d'Electricité, Centre de Calcul, Paris, France	(+)
Bulgaria	Design and application of operational amplifiers	Société Tekelec-Airtronie, Paris, France	(+)



Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Measuring instruments	S.A. Danckaert, Brussels, Belgium; Service National de la Métrologie au Ministère des Affaires Economiques, Brussels, Belgium; S.A. MPLE, Brussels, Belgium; S.A. Honeywell, France; Visits: (13) firms/institutes in Belgium	(+)
Bulgaria	Electro- mechanical devices	A/S Foss Electric, Hillerode, Denmark; A/S Knud Lindberg, Copenhagen, Denmark; Visit to: Siemens, Erlangen, FRG	(+)
Bulgaria	Methods of synthesis and controlling structures	L'Institut de Mathématique de l'Université de Liège, Belgium; Visits: (3) firms in Belgium	(+)
Bulgaria	Design of digital instruments and test systems	Racal Instruments Ltd., Maidenhead, UK	(+)
Bulgaria	Problems of on-line computing systems	Technical University of Norway, Division of Engineering Cybernetics, Trondheim, Norway	(+)
Bulgaria	Welding machinery	Electronic, S.A. Brussels, Belgium; Arcos, S.A. Brussels, Belgium; Visits: Belgium, France	(0)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facilities	Evaluation
Bulgaria	Electronic control instruments	Esbjerg, Denmark Institute of Science and Technology, Manchester, UK	(0)
Bulgaria	Instrument manufacturing, process engineering and cost systems	Denish Atomic Energy Commission Research Dept., Riso, Denmark	(+)
Bulgaria	Noise and vibration measurement	Institut für Elektroakustik, Munich, FRG; III. Physikalisches Institut Munich, FRG; Institut für Technische Akustik, Berlin, FRG; Technische Hochschule, Vienna, Austria	(+)
Bulgaria	Laboratory electric measuring instruments	Usines de M.B.L.E., Brussels, Belgium	(+)
Bulgaria cf. Maintenance	Repair and maintenance of electric machines in engine sheds and repair works	Deutsche Bundesbahn, Munich, FRG	(+)
Bulgaria	Technological characteristics and construction features of high speed ammonia and freon refrigeration compressor valves	Grasso, Koninklijke Machinefabrieken s'Hertogenbosch, The Netherlands	(+)
Bulgaria	Electronic control instruments	Siemens, Karlsruhe, FRG; Hartmann and Braun, Frankfurt, FRG	(+)
Bulgaria	Design and fabrication of bi-polar integrated circuits	Laboratory of Chemistry and Technology of Electronic Components and Materials (LANEL), Bologna, Italy	(-)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facilities	Evaluation
Chile	Quality control instrumentation	Study tour: Austria; INF; The Netherlands; UK	(+)
Czechoslovakia 3x	Computers - civil engineering	Center for Advanced Engineering Study, and the Civil Engineering System Laboratory, Massachusetts Institute of Technology, Cambridge, Mass., USA	(+)
Czechoslovakia	Computer aided automation of engineering processes	Holins Ltd., London, UK; Herbert Machine Tools Ltd., Edgewick Works, Coventry, UK	(+)
Egypt	Electrical industries - quality control	Study tour: Italy; UK	(+)
Egypt	Quality control in the field of electrical industries	Study tour: Italy; UK	(+)
Gambia	Electrical engineering	Kemot and Lauritzen, Copenhagen, Denmark; Anegervesket Power Station, Copenhagen, Denmark; Glant and Co., Copenhagen, Denmark; Visits to firms in Denmark	(+)
Hungary	Computers	L'Institut de Programmation, Université de Paris, France; Service Composants Electroniques du Laboratoire Central des Electriciens (LCIE), Paris, France; Visits: (2) firms in France	(+)
Hungary	Computers	Centre National de la Recherche Scientifique (CNRS), Paris, France; Centre des Ingénieurs Civils de France, Paris, France	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facilities	Evaluation
Hungary	Computers	Société d'Applications Générales l'Electricité et de Mécanique (SAEG), Paris, France; Compagnie Internationale pour l'Informatique (CII), Le Chesnay, France	(+)
Hungary	Manufacture of computers	Siemens, Erlangen, FRG	(+)
Hungary	Analysis of non-linear circuits	Dept. of Electrical Engineering and Computer Sciences, and the Electronic Research Laboratory, University of California at Berkeley, Calif., USA; Visits: (2) firms in the USA	(+)
Hungary	Development of fuel cells	Max Planck Institut für Bio-physikalische Chemie, FRG; Institut für physikalische Chemie der Universität Bonn, FRG	(+)
Hungary	Color television techniques	L'Office de Radio Diffusion et Télévision Française (ORTF), France; Thomson - CSF, France	(-)
Hungary	Critical phenomena of magnetic phase transformers	Brookhaven National Laboratory, New York, USA; Visits: USA	(+)
Hungary	Use of refrigera- tion in electric machinery	Binde, Finth, FRG; Bosch GmbH, Giengen/Brenz, FRG; Therma AG, Schwanden, Switzerland	(-) (+) (+)
Hungary	Mechanical and electrical industries	Study tour: UK	(+)
Hungary	Production and investigation of di-electrics used for semi-conductory devices	University of Salford, Electrical Engineering Dept., UK	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd.)

Home country	Field of study	Training facility	Evaluation
Hungary	Mechanical and electrical engineering	Societa Italiana Telecomunicazioni (Siemens), Milan, Italy; Visits: Italy	(+)
Hungary	Mechanical and electrical engineering	FABRIMETAL (Fédération des entreprises de l'industrie des fabrications métalliques), Brussels, Belgium; A.C.F.C., Chateaufort, Belgium; E.I.B., Veurne, Belgium; Institut national de statistique, Belgium; Institut Belge de documentation et information, Belgium	(+)
India	Measuring instruments and equipment manufacture	Standards Laboratory, Dept. of Electrical and Electronic Engineering, Portsmouth Polytechnic, Portsmouth, UK; Standards Laboratory, H. M. Sullivan Ltd., Dover, UK; Product Assessment Laboratory, Plessey, Titchfield, UK; Standards Laboratory, Southampton, UK	(+)
India	Electronics industry	Study tour: (5) FRG; (5) France; (2) Italy; (1) The Netherlands; (3) Switzerland; (7) UK	(+)
India	Manufacturing and testing of electronic parts	Study tour: (51) firms/institutes in the USA	(+)
India	Analogue and digital instruments and transducer design for process control	M.S. Foxboro Co., Foxboro, Mass., USA; Elektronikcentralen (Danish Research Centre for Applied Electronics), Horsholm, Denmark	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
India	Electrical measuring instruments	National Physical Laboratory, London, UK; Visits: (13) USA; (5) UK	(+)
India	Electronics	Philco Ford Corp, Lansdale, Pennsylvania, USA; RCA, Indianapolis, Indiana, USA; Visits: firms/institutes in USA	(+)
India	Administration and organization of DC electric drives laboratory	Study tour: (6) Canada; (4) FRG; (3) Hungary; (3) Japan; (4) UK	(+)
Israel	Laundry technology	Study tour: The Netherlands; Sweden; UK	(0)
Israel	X-ray fluorescence and diffraction	Dept. of X-ray Fluorescence, Washington D.C., USA; Visits: USA	(0)
Korea, Rep. of	Standardization of electrical equipment	San Diego Community College, California, USA; Visits: USA	(+)
Korea, Rep. of	Standardization of electrical equipment	San Diego Community College, California, USA; Visits: (1) firm (1) conference in the USA	(+)
Malaysia	Instrumentation systems	Instrumentation Systems Center, University of Wisconsin, Madison, Wisconsin, USA; Visits: (15) firms/institutes in the USA	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Nigeria	Electrical equipment control system	Automatic Control Engineering Courses at the ACE Training Centre, Sidcup, Kent, UK; South of Scotland Electricity Board (SSEB), Glasgow, UK	(+)
Nigeria	Refrigeration technique	Trembath Service Ltd., UK; Drake and Shull Engineering Ltd., UK	(+)
Poland	Flow and mechanical tests of fans	Aeromeccanica Star-Europ, Turin, Italy; Aertermica Nicotra, S.A S., Milan; Chicago Blower Italiana, Monza (Milan), Italy	(+)
Poland	Modern measuring methods and instruments	Siemens, Munich, FRG	(+)
Poland	Testing of colour television receivers	Standard Laboratory and the Television Instrumentation Laboratory of Marconi Instruments Ltd, St. Albans, UK; Design Dept. of GFC (Radio and Television) Ltd., Slough Bucks, UK	(+)
Poland	Design of micro-wave devices	Dept. of Electronics and Electrical Engineering, University College of London, UK	(+)
Poland	Circuit beams	Laboratorio Materiali Speciali per Elettronica e Magnetismo (MASPEC), Parma, Italy	(+)
Poland	High-frequency telecommunication systems	Philips International Telecommunications Training Centre, Hilversum, The Netherlands	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

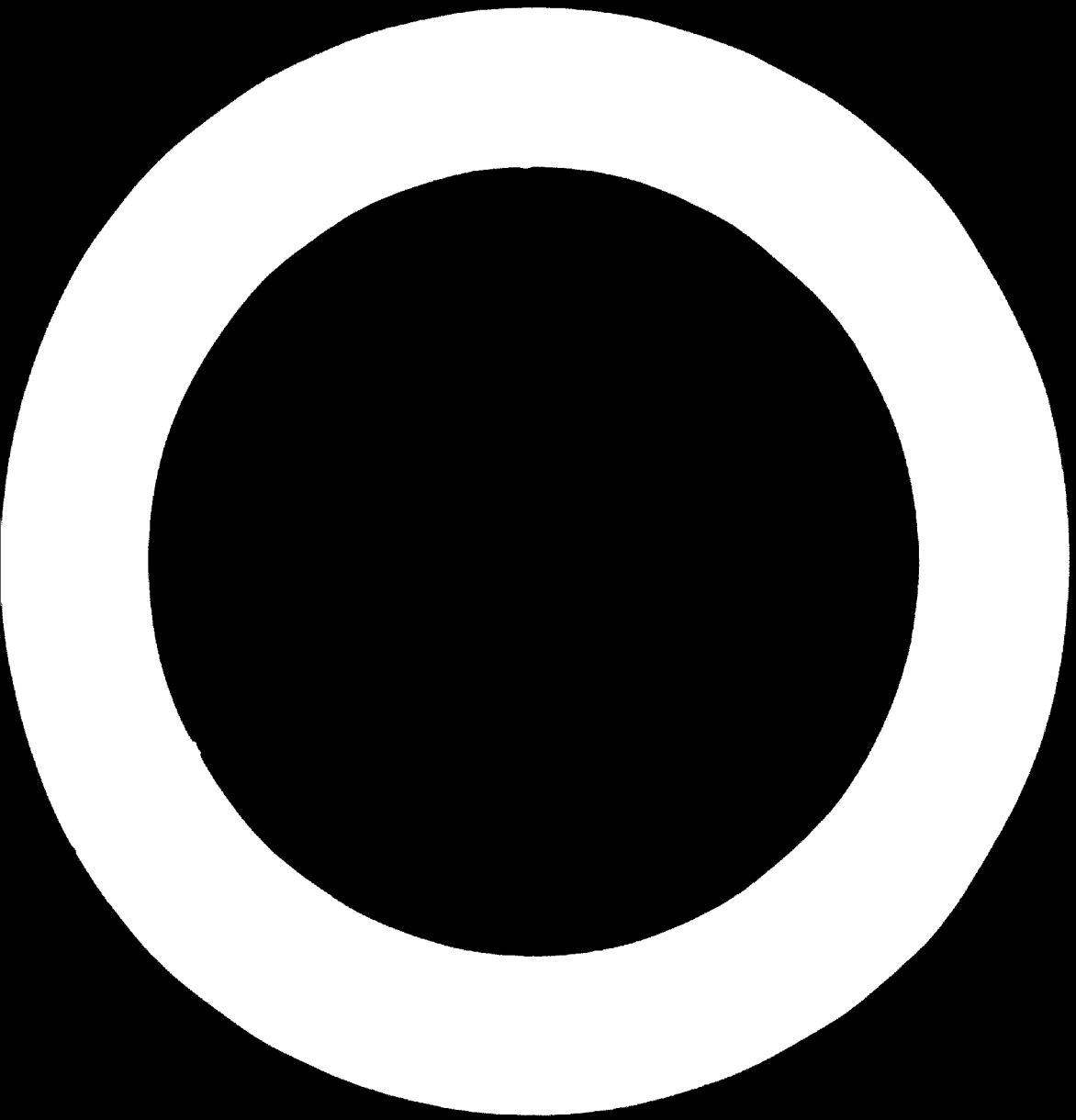
Home country	Field of study	Training facility	Evaluation
Poland	Electrical measurements for industry	Schlumberger Instruments et Systèmes (SIS), Velizy-Villacubly and Massy, France (Practical training) (Theoretical training)	(+) (-)
Poland	Meters, automated control systems and power transformers	Ferranti Transformer Division, Chedderton, Lancashire, UK	(+)
Poland	Electrical measuring instruments - production and repair	Fabbrica Apparecchiature per Comunicazioni Telettriche - Standard, Pace Standard, Milan, Italy; Visits: (4) firms/institutes in Italy	(+)
Poland	Ceramic di-electrics	Alfred University, New York, USA	(+)
Poland	Production of electronic equipment	Study tour: Italy	(+)
Poland	Method of synthetic testing of high voltage circuit breakers	VEG, Kassel, FRG	(+)
Poland	Impurity complexes in compounds of semi-conductors	J. J. Thomson Physical Laboratory, Peading, UK	(+)
Poland	Thyristor motor speed control	Brown, Boveri + Cie, AG, Mannheim, FRG; Garbe, Lahmeyer and Co. AG, Aachen, FRG; Technische Hochschule, Aachen, FRG; Visits: (6) firms/institutes in FRG	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Dynamic properties - computerized methods of investigations	Institut für Industrielle Elektronik der Technischen Hochschule Wien, Austria	(+)
Poland	Use and testing of electrical insulating materials in machinery and apparatus	Ciba-Geigy AG, Basel, Switzerland; Visits: (3) firms/institutes in Switzerland	(+)
Poland	Ferrite substrates for microwave integrated systems	Division of Network Theory, Chalmers University of Technology, Österg, Sweden	(+)
Poland	Pneumatic control instruments and systems application of computers for process control	Foxboro Co., Foxboro, Mass, USA; Taylor Instrument Co., Rochester, New York; Visits: (4) firms/institutes in the USA	(+)
Poland	Radio communication systems and radio networks	Pye Telecommunications, Cambridge, UK; Visits: (16) firms/institutes in Sweden	(+)
Poland	Telephone industry - equipment, corrosion protection and galvanizing technology	Telefonbau und Normalzeit, Frankfurt, FRG; Galvanik und Korrosionskurs in DEHEMA Institut, Frankfurt, FRG; Institut für Werkstoffkunde der Technischen Hochschule in Darmstadt, FRG	(+)
Poland	Computer aided design in the electronics industry	Design Dept., Radco Software Ltd., Tewkesbury, UK	(+)

Electrical Machinery and Associated Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Modern protection systems in power-stations and networks	Leyrolle, Hebburn, Newcastle, UK	(-)
Poland	Select technical problems and production organization of video-recording equipment	Facal Thermionic Ltd., UK	(0)
Poland	The thyristor driving equipment	Laboratoire d'électronique industrielle de l'université Libre de Bruxelles, Brussels, Belgium; A.C.E.C., Maccinelle, Belgium	(+)
Poland	Fluorescent light fittings and electrical domestic heating appliances	Ligmar S.p.A., Milan, Italy; S.A.C.M.E., S.p.A., Milan, Italy; Fratelli Ono Pri, S.p.A., Milan, Italy	(+)
Poland	Low voltage vacuum contactors and reed switches	Technical University, Twente, The Netherlands; Technical University, Eindhoven, The Netherlands; KEMA Laboratory, Arnhem, The Netherlands	(+)
Poland	Production of telephone cables	Standard Telefon, Oslo, Norway	(+)
Poland	Mechanical and electrical engineering	Autophon AG, Solothurn, Switzerland	(+)
Poland	Application of semi-conductors in electric traction supply equipment	Sacheron AG, Geneva, Switzerland	(0)



Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Low voltage moulded-case circuit breakers	Newcastle Factory, Newcastle, UK; Industrial Instruments Ltd., UK	(+)
Poland	Electrical engineering	National Physical Laboratory, Teddington, UK; British Scientific Instrument Research Association, South Hill, Kent, UK	(+)
Poland	Electrical equipment: conventional and semi-conductor	Istituto Elettrotecnica Nazionale Galileo Ferraris, Turin, Italy	(+)
Poland	Power plastic insulated cables	Patelec, Terrina Monferrato, Italy; Pirelli, Milan, Italy; Officina Elettromeccaniche Galileo, Battaglia Terme (Padova), Italy	(+)
Poland	Electro-plating	Forschungsinstitut für Edelmetalle und Metallchemie, Schwäbisch Gmünd, FRG	(+)
Poland	Production and design of TV receivers	Brüel - Kjaer, Naerum (Copenhagen), Denmark	(+)
Poland	Electrical engineering	University of Newcastle, Metal Dept., UK	(+)
Poland	Mechanical and electrical engineering	University of Birmingham, Dept. of Electronic and Electrical Engineering, UK	(+)
Poland	Electrical control systems for machines of plastic design	Montecatini Edison S.p.A., Milan, Italy; Luigi Bandera Costruzione Meccaniche S.p.A., Busto Arsizion, Italy; Fratelli Sandretto S.A.S., Turin, Italy	(0) (+) (+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment

Home country	Field of study	Training facilities	Evaluation
Romania	Electronic components	Thomson - CSF, France	(+)
Romania	Hydraulic control devices	I.M.I., Brescia, Italy; I.D.I.A. Brescia, Italy; CEM, Cinisello Balsamo (Milan), Italy; Bachler S.A., Montier, Switzerland	(+)
Romania	Use of semi-conductors in transmitter-connected electronic instrumentation	Ducati Meccanica S.p.A., Bologna, Italy; Electronics Laboratory, Institute of Physics, University of Modena, Italy; Istituto Elettrotecnica Nazionale Galileo Ferraris, Turin, Italy; Istituto di Metrologia G. Colonnetti, Turin, Italy	(+)
Romania	Electronics industry	Study tour to: Erno-Cedag, Milan, Italy; Ermorid, Milan, Italy; Lael, Milan, Italy; Semel, Milan, Italy; Laben, Milan, Italy; AEB, Milan, Italy; Tochar, France	(+)
Romania	Electronics industry	Danish Atomic Energy Commission, Research Establishment, RISO, Denmark	(+)
Romania	Electrical products - quality control	L'Electricité Industrielle Belge (EIB), Belgium; Manufacture Belge de Lampes et de Matériel Electronique (MBLE), Brussels, Belgium; Brown Boveri et Cie., Baden, Switzerland; L'Association Suisse des Electriciens, Zurich, Switzerland	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Research and production of electronic ceramics	Dept. of Glass Technology, University of Sheffield, UK	(+)
Romania	Digital computer techniques	School of Control Engineering, University of Bradford, Yorkshire, UK	(+)
Romania	Numerical Control equipment for machine tools	Fisa University, Italy	(+)
Singapore 2x	Instrumentation systems	Instrumentation Systems Center, University of Wisconsin, Madison, Wisconsin, USA	(+)
Spain	Air conditioning	National College for Heating, Refrigeration and Air Conditioning, UK	(+)
Spain	Power systems	Bonneville Power Administration, Portland, Oregon, USA	(+)
Sri Lanka	Electroplating	National Engineering Services Ltd., Singapore	(+)
Thailand	Production and marketing of mechanical and electrical equipment	Study tour: (8) firms/institutes in the USA	(+)

Electrical Machinery and Apparatus Industries
Including Measuring and Control Equipment
(cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia	Use of isotopes for piston engine testing	Technische Hochschule, Karlsruhe, FRG; Institut für Kolbenmaschinen, Technische Hochschule, Hannover, FRG	(+)
Yugoslavia	Technology and manufacture of integrated circuits	University of Southampton, Dept. of Electronics, UK	(+)
Yugoslavia	X-ray and ray radiation	Státní Vyzkumný Ústav, Materialn. Praha, CSSR	(0)
Yugoslavia	Design and public and internal lighting; production of lighting units	Hardware and Software Organization of a Digital Computer Course, University of Pittsburgh, School of Engineering, Penn., USA; Visits: (5) firms/institutes in USA	(+)
Yugoslavia	Quality information equipment and feedback system in manufacture of auto-electric products	Joseph Lucas Ltd., UK	(+)
Yugoslavia	Zinc insulation of cables	Central Laboratory for Metal Manufacture Industry, Zabrze, Poland;	(+)
Yugoslavia	Technology of silicon high power elements	CKD Semi-conductor Factory, Prague, Czechoslovakia	

Transport Equipment Industries

Home country	Field of study	Training facility	Evaluation
Bulgaria	Average tonnage shipbuilding	Shipyards of Hitachi Zosen Co. Ltd., Japan	(+)
Bulgaria	Improvement methods in transports	Rhein Stahl Siegener Eisenbahnbedarf, Tiefenbach, FRG Hansa-Laggonbau GmbH, Bremen, FRG	(0)
Bulgaria	Pneumatic transport of bulk materials	Bühler-Miag, Braunschweig, FRG; Badische Maschinenfabrik, Karlsruhe, FRG; Johannes Möller, Hamburg, FRG; Firma Polysius, Neubeckum, FRG	(+)
Chile	Manufacture of automobile parts and components	Study tour: (15) firms/ institutes in Spain	(+)
Indonesia	Financial and management aspects of shipbuilding	Cantiere Navale Luigi Orlando Castellanare di Stabia, Monfalcone, Italy; Societa Esercizio Bacini Napoletani, Italy; ONLO Cantiere Navale Luigi Orlando, Livorno, Italy; Cantiere di Muggiano, La Spezia, Italy; OAREI - Officine Alletimento Reparazioni Nave, Genoa, Italy; Ansaldo Lips, Livorno, Italy	(+)
Poland	Technology of assembling hydraulic equipment in earth-moving machinery	Hammworthy Hydraulics Ltd., Poole, UK; J.C. Bamford, Poole, UK; Hy-Mac, Newbury, UK	(0)
Poland	Manufacturing of road machines and equipment (hydraulic cylinders, pumps, truck-mounted cranes etc.)	Ursus Peroni, Milan, Italy; Cosmofer, Italy; Anteo Factory Milinella, Bologna, Italy; Autogrups S.p.A., Modena, Italy; Fiat Allis S.p.A., Torino, Italy	(+)

Transport Equipment Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Diesel motors	Institut Français du pétrole, Paris, France	(-)
Poland	Construction and maintenance of railway truck and repair	Italian State Railway, Rome, Italy	(+)
Poland	Railway signalling	Study tour: FFG	(+)
Poland	Production technology and design of railway rolling stock	SOFER - Officina Ferroviaria, Pozzuoli, Italy; O.N.E.C.A., Peggio Calabria, Italy	(+)
Poland	Technology of railway coach bodies	Jenbacher Werke, Jenbach, Austria	(+)
Poland	Construction of modern tramways	S.A. La Brugeoise et Nivelles, Bruges, Belgium; Société des transports internationaux de Bruxelles, Brussels, Belgium	(+)
Poland	Hydraulic power transmission systems for earth-moving and construction machinery	Koehring GmbH, Merck Division, Hamburg, FRG	(+)
Poland	Hydraulically controlled transmission systems	Massey Ferguson Manufacturing Co., UK	(0)
Poland	Maintenance and repair of motor vehicles	First Technical Service Management, Turin, Italy; Technical University of Turin, Italy	(+)
Poland	Measurement of stresses and vibrations of automobile parts and noise measurement	FORD Werke, Cologne, FRG; Carl Schenk, Maschinenfabrik GmbH, Barnstedt, FRG; Hettinger Baldauf Messtechnik GmbH, Barnstedt, FRG	(0)

Transport Equipment Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Automobile maintenance and methods of organization of transport activity	West Midlands Passenger Transport Executive (WMPTE), Birmingham, UK	(+)
of. Maintenance and Repair			
Romania	Diesel motors	Cockerill, Division de la Construction Mécanique, Seraing, Belgium	(+)
Romania 2x	Diesel engines - manufacture, use and maintenance and repair	Ateliers de Constructions Electriques de Charlerai (ACEC), Division Gand, Belgium	(+)
Romania	Automobile maintenance and repair	Daimler-Benz AG, Stuttgart/Untertürkheim, FRG	(+)
of. Maintenance and repair			
Romania	Diesel engines	Institut für Schiffsmaschinen und Dampfessel der Technischen Hochschule, Hanover, FRG; Visits to: Blohm and Voss, Hamburg, FRG; MAN, Augsburg, FRG; Gebrüder Sulzer, Winterthur, Switzerland	(+)
Turkey	Design of cranes and transportation equipment	Krupp-Ardelt, Wilhelmshaven, FRG Demag-Fördertechnik, Wetter, Fuhr, FRG	(+)
Yugoslavia	Supercharge power augmentation of four-stroke diesel engines	MANI Institute, USSR	(+)

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Maintenance and Repair

Home country	Field of study	Training Facility	Evaluation
Bulgaria of Electrical Machinery	Repair and main- tenance of electric machines in engine sheds and repair works	Deutsche Bundesbahn, Munich, FRG	(+)
Jordan	Maintenance and repair of heating equipment	Dept. of the Environment, London, U.K.	(+)
Madagascar cf. Textiles	Maintenance and repair of apparel machinery	Société des études Jean Patti, France; Société parisienne des usines H. Lueg, Paris, France; Visits: Italy	(+)
Poland	Maintenance and repair of motor vehicles	FIAT Technical Service Management, Turin, Italy; Technical University of Turin, Italy	(+)
Poland of. Transport Equipment	Construction and maintenance of railway trucks	Italian State Railway, Rome, Italy	(+)
Romania cf. Transport Equipment	Automobile maintenance and methods of organization of transport activity	West Midlands Passenger Transport Executive (WMPTE), Birmingham, UK	(+)
Romania of. Transport Equipment	Automobile maintenance and repair	Daimler-Benz AG, Stuttgart/Untertürkheim, FRG	(+)
Zaire	Maintenance organization and administration	La Société Provinciale d'Industrialisation (SPI), Belgium; General Motors Continental S.A., Anvers, Belgium; Ministère des Classes Moyennes, Belgium; Ministère des Affaires Economiques, Belgium	(+)

Non-Ferrous Metals (Light and Heavy)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Solubility and inter-phase distribution in the improvement of the refining processes of heavy non-ferrous metals	Institut für Metallhüttenwesen und Elektrometallurgie der Technischen Hochschule Aachen, FRG; Institut für Metallhüttenkunde der Technischen Hochschule Berlin, FRG; Visits: (4) firms/institutes in FRG	(+)
Chile	Electrochemistry - copper	Laboratoire d'Electrochimie et chimie de l'Université Grenoble, France; Université Libre de Bruxelles, Service de Métallurgie et d'Electrochimie, Belgium	(+)
Chile	Copper	Laboratoire d'Electrochimie et chimie de l'Université de Grenoble, France	(0)
Czechoslovakia	Copper	University of New South Wales, Sydney, Australia; Conzio Riotinto, Melbourne, Australia; Visits: Australia	(0)
Hungary	Tungsten bronzes and their role in production of tungsten metal powder	Technical University, Eindhoven, The Netherlands	(+)
Hungary	Aluminium manufacture	Fead, S.p.A., Pomesia, Italy; Societa Lavorazion Industriali Metalli S.p.A., Cisterna di Latina, Italy; Comital, Volpiano, Alessandria, Italy	(+)
India	Feasibility of extracting vanadium	ELKEM, Oslo, Norway; Study tour: FRG	(+)

Non-Ferrous Metals (Light and Heavy)
(cont'd)

Home country	Field of study	Training facility	Evaluation
India	Feasibility of extracting vanadium	Fiskaa Verk, Kristiansund, Norway	(0)
India	Feasibility of extracting vanadium	ELKEN, Oslo, Norway	(0)
India	Non-ferrous metal production	Dept. of Energy, Mines and Resources, Government of Canada, Ottawa, Canada; Ottawa Research Foundation, Canada	(+)
Poland	Electrometallurgy of non-ferrous metals	Monteponi Montevercchio Zive Plant, Porto Marghera, Italy; Metallurgical Research Centre, Turin, Italy; ANMI Zive Plant, Ponte Nassa, Italy	(+)
Senegal	Aluminium manufacture	Usine Piaggio, Poutedera, Italy; Fiat, Turin, Italy; Fonderie Maifoni, Brescia, Italy	(+)
Turkey	Copper smelting	Université Gand, Belgium	(+)
Turkey	Aluminium manufacture	Alnor Aluminium Norway A/S, Norway	(+)
Turkey	Non-ferrous mining smelting	University of Utah, USA	(0)

Iron and Steel

Home country	Field of study	Training facility	Evaluation
Bulgaria	Enriching iron ore	Faculté polytechnique Mons, Belgium	(+)
Bulgaria	High quality steel production using oxygen converters	Aciérie LD-AC de la Société Espérance-Longdoz à Chertal, Liège, Belgium	(+)
Bulgaria	Iron and steel	University of Cambridge, Engineering Department, UK; British Steel Corp., Ravenscraig Works, Motherwell, UK; Visits: (2) firms/institutes in the UK	(+)
Bulgaria	Automation of rolling mills	SA Cockerill, Chertal, Belgium; Visits: (2) firms in France	(+)
Egypt	Steel rolling	Huta Warszawa, Warsaw, Poland; Visits: The Netherlands	(+)
Egypt	Iron and steel	Toherpovets Steel Works, USSR; Visits: (3) government ministries, USSR	(+)
India 5x	Steel manufacture	Study tour: Austria; FFG; Norway; USSR; Yugoslavia	(0)
India	Iron ore development	Study tour: Australia; Philippines	(+)
India	Standardization and quality control in the steel industry	Study tour: Canada; The Netherlands; Sweden; UK; USA	(0)

Iron and Steel (cont'd)

Home country	Field of study	Training facility	Evaluation
India	Ingot mould and bottom plate manufacture	Shenango Inc., Neville Island, Pennsylvania, USA; Vulcan Mould and Iron Co., Latrobe, Pennsylvania, Trenton, Michigan and Lansdown, Illinois, USA; Visits: USA	(+)
Philippines	Metal (Steel) processing	Sandvik Steel Works, Sundviken, Sweden	(+)
Poland	Microstructure and switching of ferrite ores	Laboratorio Materiali Speciali per Elettrometallurgia e Magnetismo (MASPEC), Parma, Italy	(+)
Poland	Problems of rolling technology of hot rolled narrow strip mill	ITALSIDER, S.p.A., Genova, Italy; Breda Siderurgica Egom, S.p.A., Milan, Italy	(+)
Poland	Centrifugal coating of cast iron water and sewage pipes	Institut für Gießereitechnik, Düsseldorf, FRG; Institut für Gießereiwesen der Technischen Hochschule Clausthal, Zellerfeld, FRG	(+)
Poland	Hot and cold working of high alloy steel	Bassani Steel Works, Brescia, Italy; ORI Martin Steel Works, Brescia, Italy; ILFO O DOLO, Brescia, Italy; Panteg Works, Griffithstown, UK; Totherham Works, Sheffield, UK; Swinden Laboratories, Potherham, UK	(0)
Poland	Problems of rolling technology in hot rolled narrow strip mill	ITALSIDER, S.p.A., Genova, Italy; Breda Siderurgica Egom, S.p.A., Milan, Italy	(+)

Iron and Steel (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Modern production methods of ferro-alloys	Institut für Eisenhüttenkunde und Institut für Metallhüttenwesen der Technischen Hochschule Aachen, FRG; Gesellschaft für Elektrometallurgie, Düsseldorf, FRG; Badische Wolfrangelgesellschaft, Söllingen, FRG; Stahlwerk Böckling, Burbach, FRG	(+)
Poland	Dressing of iron ore	Study tour: Canada	(+)
Poland	Effect of non-metallic inclusions on the properties of the Fe-1% Mn-1% FeS alloy	Swedish Institute for Metal Research, Stockholm, Sweden	(0)
Poland	Methods of testing cast iron to reduce the weight of castings	Institut für Eisenhüttenkunde der Technischen Hochschule Aachen, FRG; Maschinenfabrik Stockel, FRG; Hüttenwerke, Essen, FRG; Firma Claas, Gittersloh, FRG	(0)
Poland	Testing of high temperature properties of steel	Daimne S.p.A., Bergamo, Italy	(+)
Poland	Operational research in the steel industry	British Steel Corp., UK; The Steel Co. of Wales, UK	(+)
Poland	Cracking of welded joints of low alloy high strength and alloy steels	Cranfield Institute of Technology, UK; Visits: (2) UK	(+)
Poland	Iron production	John Deere Foundry, East Moline, Illinois, USA	(+)

Iron and Steel (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Iron metallurgy - blast furnaces	Universita di Roma, Istituto di Metallurgia e Metallografia, Italy; Universita di Napoli, Istituto di Tecnologia, Italy; Politecnico di Torino, Istituto di Metallurgia, Italy; Politecnico di Milano, Istituto di Elettrotecnica, Chimica, Fisica e Metallurgia, Italy	(-)
Poland	Casting of ferrous alloys	Aktiebolaget Svenska Kullagerfabriken (SKF), Katrineholm, Sweden	(+)
Romania	Production of steel, corrosion, and high temperature resistance	COGNE - Aosta de la Societe Nazionale Cogne, Italy	(+)
Romania	Steel production	Study tour: Sweden	(-)
Romania	Quality control in the steel industry	Groupe Creusot-Loire: L'usine du Creusot, Loire, France; L'usine du Marais, Marais, France; L'usine de l'Ondaine, Ondaine, France; COGNE - Aosta de la Societe Nazionale Cogne, Italy	(0)
Romania	Rolling and thermic treatment of stainless steel	Monteforno Acieries Laminoirs, S.A., Bodio, Switzerland	(+)
Venezuela	Iron and steel - quality control	Study tour: (7) firms/ institutes in Italy; (1) fair in Italy	(+)
Yugoslavia	Drawn steel wire	Bekaert Zwevegem, Belgium	(+)

Iron and Steel (cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia	Application of electron microscoping to steel investigation	University of Sheffield, Dept. of Metallurgy, UK; Visits: (4) firms/institutes in the UK	(+)
Yugoslavia	Steel rolling and preparation of rolls for special sections	Study tour: Czechoslovakia	(+)
Yugoslavia	Hot and cold rolling of alloy and special steels	Monteforno Stahl- und Walzwerke AG, Bodio, Switzerland	(+)
Yugoslavia	Research of "Ausgerüstete Eisenhütten" - chemical lab	ATH Chemische Laboratorien, Duisburg, FRG	(+)
Yugoslavia	Calibration and rolling of special steel sections	Iron and Steel Work SZKG, Ostrau, Czechoslovakia; Iron and Steel Work HRADEK, Rokycany, Czechoslovakia	(+)
Yugoslavia	Application of electron microprobe to steel investigation	Forschungsanstalt der Edelmetallwerke Gebr. Böhler + Co., Kapfenberg, Austria	(+)
Yugoslavia	Iron and steel - X-ray laboratories	Klöckner-Humboldt-Deutz AG, Cologne, FRG	(+)
Yugoslavia	Iron ores beneficiation	Mineral Resources Research Center, University of Minnesota, Minneapolis, Minnesota, USA	(+)

Foundries

Home country	Field of study	Training facility	Evaluation
Colombia	Foundry and heat treatment	Massachusetts Institute of Technology, Cambridge, Mass., USA	(+)
India	Foundries	Study tours: UK	(-)
India	Foundries	Study tour: UK	(0)
India	Foundry technology	John Hill + Sons, Wolverhampton, UK; Rusell and Sons, Leicester, UK; Ashwell and Nesbitts Ltd., Leicester, UK; Ford Motor Co., Dagenham, UK; Modern Foundries, Halifax, UK; Eisenwerk Baumgarten, Brackwede, FRG; Gebr. Salzer, Winterthur, Switzerland	(0)
India of. Heavy clay	Building materials for foundries	ZAPOPOSTAL Stell Plant, Zaporozhaye, USSR	(-)
Ivory Coast	Foundries	Laboratoire Technique des Métaux non-ferreux, L'Université de Gand, Belgium	(+)
Poland	Simulation of foundry processes on computers	Foxboro Company, Foxboro, Mass., USA	(0)
Poland	Cast iron foundry techniques and metallurgical implications	Firma Gebr. Claus - Giessereitechnik GmbH, Oßersloh-Blankenhagen, FRG; Giesserei Institut der Rhein-Westf. Technischen Hochschule Aachen, FRG; Visits: (13) firms/institutes in FRG	(+)

Foundries (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Application and use of modern foundry machines and equipment	DFJ Frederiksnaerk, Copenhagen, Denmark; Tasso Hjallose + Odense, Denmark; Svenska Kullagerfabriken (SKF), Katrineholm, Sweden	(+)
Poland	Foundries	Helsingør Shibsvaerft Og., Denmark; British Steel Corp., Rotherham, UK; Steel Castings Research and Trade Association, Sheffield, UK	(+)
Poland	Foundry technology	Gebrüder Sulzer, Winterthur, Switzerland	(0)
Romania	Foundry technology	Centre de recherche scientifique et technique de l'industrie des fabrications métalliques, Gand, Belgium	(+)
Socailia	Foundry	Société de fonderies et de mécanique (SOFOMECA), Tunis, Tunisia; Visit to: Khartoum Central Foundry, Sudan	(+)

Creation and Transfer of Metallurgical Know-how

Home country	Field of study	Training facility	Evaluation
Argentina	Metallurgy	Royal Aircraft Establishment, Farnborough, UK; National Engineering Laboratories, Bristol, UK; Centre d'Essais Aéronautiques, Toulouse, France; Institut de recherche de l'industrie sidérurgique, St. Genain, France	(+)
Argentina	Mechanics of solids (creeps and solid state phenomena)	Massachusetts Institute of Technology, Cambridge, Mass., USA	(+)
Bulgaria	Planning, construction and structure of quartz filters	Institut für Elektrotechnik, Münch, FRG; Quarzkeramik, Stöckdorf/ München, FRG; AEG-Telefunken, Ulm, FRG	(+)
Bulgaria	Mechanisation of tunnelling in mines	Follidal Verk A/S, Norway; Anderson Mavor Ltd. Works, Motherwell, UK; Visits: (2) Norway; (1) Sweden; (8) UK	(+)
Bulgaria	Automatic control of oxygen converter process	Imperial College, London, UK; University of Sheffield, UK; University of Manchester, Institute of Science and Technology, UK; British Steel Corp., Motherwell and Potherham, UK	(+)
Bulgaria	Transportation in mines	L'Iniez, Liège, Belgium; Visits: (3) Belgium; (4) France	(+)
Bulgaria	Automation of coal mining	Technische Universität Berlin, Institut für Bergbauwissen- schaften, FRG; Saarbergwerke AG, Saarbrücken, FRG; Rhein-Westf. Technische Hochschule, Aachen, FRG; Visits: FRG	(+)

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facilities	Evaluation
Chile	Research in extractive metallurgy	Study tour: (5) firms/ institutes in the USA	(+)
Chile	Pock mechanics	Imperial College of Science and Technology, University of London, UK	(+)
Czechoslovakia	Metallurgy	Österreichische Alpine-Montan, Don Witt, Austria; Montanistische Hochschule, Leoben, Austria	(+)
Czechoslovakia	Automated control system in metallurgy	Study tour: (5) firms/ institutes in the UK	(+)
Egypt	Surface treatment of metals	National Physical Laboratory, Division of Materials Applications, UK; Visits: (4) firms/ institutes in the UK	(+)
Egypt	Powder metallurgy	Powder Metallurgy Research Group, Dept. of Materials Technology, Loughborough University of Technology, UK; Visits: (10) firms/ institutes in the UK	(+)
India	Data creep testing	British Steel Corp., Iotherham, UK	(+)

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facility	Evaluation
India	Oil Pressing and beneficiation	Broken Hill Proprietary Co. Ltd., Whyalla, South Australia; Visits: South Australia	(+)
India	Creep testing techniques	National Engineering Laboratory, East Kilbride, Glasgow, UK; W. J. Laver (Windsor) and Son, Windsor, UK; Visits: (3) firms/institutes in the UK	(+)
India	Creep research	British Steel Corp., Swinden Laboratories of Special Steels Division, UK; Visits: (7) firms/institutes in the UK	(+)
Hungary	Electrodynamical formation of metals	Institut für Umformtechnik der Universität Stuttgart, FRG	(+)
Hungary	Deep tensile plants	Imperial College of Science and Technology, London, UK	(+)
Iran	Metallurgy and analysis of metals	Technical Research Centre, Metallurgy and Metals Laboratories, Helsinki, Finland	(+)
Iran	Metallurgical know-how	Moscow Tool Factory "Proser", USSR; Dneprospec Steel Mill, USSR; Powder Metallurgy, Bound Brook Ltd., Lichfield, Staffordshire, UK; Gringens Ltd. of Bromsgrove, Birmingham, UK; ONK (South Wales) Ltd., Cardiff, UK	(o)
Israel	Materials and corrosion testing, evaluation and selection	Study tours: France; Switzerland; UK	(+)

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facility	Evaluation
Mexico	Applied metallurgy	Centro Nacional de Investigaciones Metalurgicas (SEN 4), Spain	(+)
Peru	Metallurgy	Study tour: (3) Algeria; (2) France; (4) Poland; (1) Spain	(+)
Philippines	Structural examination of metals and alloys	Wittell Columbus Laboratories, Columbus, Ohio	(+)
Poland	Influence of additives and impurities of high melting metals	Technical University of Helsinki, Finland	(0)
Poland	Investigation of processes occurring during sintering of metallic powders	Institut für chemische Technologie der Technischen Hochschule Wien, Austria	(+)
Poland	Production engineering of large permanent mould castings made of light alloys	Foundry F.O.M.B., Brixia, Italy; Visits: (4) firms/institutes in Italy	(+)
Poland	Reduction of hydrogen oxides of high melting metals	Institute of Inorganic Chemistry, Stockholm University, Sweden; Visits: (2) Finland; (2) Sweden	(+)
Poland	Carbon and graphite - methods of investigation	Grundlageninstitut der Bundes-versuchs- und Forschungsanstalt, Arsenal, Vienna, Austria	(+)
Poland	Metallurgical process automation	Study tour: USA	(+)
Poland	Physical metallurgy	Imperial College of Science and Technology, University of London, UK	(+)

Creation and Transfer of Metallurgical Know-how
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Heat and metallurgical processes in copula and duplex process	Giesserei Institut der Technischen Hochschule Aachen, FRG; Institut fuer Giessereiwesen der Technischen Hochschule Clausthal, Zellerfeld, FRG; Institut fuer Werkstoffkunde, Universitaet Karlsruhe, FRG	(+)
Poland	Metallurgy	Istituto per la Ricostruzione Industriale (IRI), Rome, Italy	(+)
Poland	Metallurgy	University of Manchester, UK	(+)
Poland	Metallurgy	Société COCKERILL-JUGRES, Seraing, Belgium; Université à Gand, Belgium	(+)
Poland 2 X	Technology of soft magnetic materials	Istituto Elettrotecnica Nazionale Galileo Ferraris, Turin, Italy	(+)
Poland	Physical metallurgy	Ecole Nationale Supérieure des Mines, France	(+)
Poland	Metallurgy	Laboratory for Metallurgy, State Technical Research Assoc., Helsinki-Otaniemi, Finland; Technical University, Dept. for Building and Metallurgy, Helsinki-Otaniemi, Finland	

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Testing of carbonaceous and graphitic materials	Bergbauforschung, Essen, FRG;	(+)
		Bundesversuchs- und Forschungsanstalt, Arsenal, Vienna, Austria;	(+)
		Visits: (✓) Austria	(0)
Poland	Specialization in electron and nuclear magnetic resonances	University of Birmingham, UK; British Petroleum Research Centre, Sunbury-on-Thames, UK	(0)
Poland	Semi-conductors physics	INIP, Rome, Italy; ATES - Siemens, Milan, Italy; University of Pisa, Italy; Politecnico di Torino, Turin, Italy	(+)
Poland	Investigation of the influence of phenomena occurring during sintering of metallic powders	Metallurgy Dept. of the Danish Atomic Energy Commission, Risø, Denmark	(+)
Romania	Metallurgical quality control	Usines à tubes de la Mense Flemalle-Haute, Belgium; Visits: France	(0)
Romania	Metallurgical quality control	Stahlwerke Peine, Salzgitter AG, Peine, FRG; Klöckner-Werke AG, Bremen, FRG; Hösch-Hüttenwerk, Dortmund, FRG; Dt. Edelstahlwerke GmbH., Krefeld, FRG	(0)
Romania	Metallurgy	Société pour l'industrie et l'électricité TEFNI, Italy	(+)
Romania	Metallurgy	Laboratoire du bureau des poids et mesures (BIPM), Sèvres, France; Laboratoire nationale d'essais, France	(+)

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Metallurgical quality control	Oscar SINIGAGLIA, Geneva, Italy; Usinor, Dunkerque, France	(+)
Romania	Metallurgical quality control	L'usine de Longroy Mont Saint-Martin et Herserange, France; Georges de Thy-Marcinelle et Aciéries Alland Monceau, Belgium	(0)
Romania	Metal corrosion protection	Société nouvelle de métallisation, Paris, France; Société Studler, Villers- Cotterets, France; Les Procédés DOVAC, Chemin-de-Feniers, Villeneuve-la-Garennes, France	(+)
Romania	Quality control of metallurgical products	S.A. Cookerill, Ougree-Seraing- Chertal, Belgium; Four Industriel Belge S.A., Brussels, Belgium; Tir. Me., Sgurgola, Italy; Cogne, Aosta de la Societe Nationale Cogne, Italy	(+)
Singapore	Metals treatment	Study tour: (10) firms in the UK	(+)
Sudan	Metallurgical workshop-technology	Harland Co., Alloa, Scotland, UK; W.H. Allen and Sons Co., Bedford, UK	(-)
Sudan	Metallic corrosion and protection	School of Science and Technology, London, UK	(+)
Thailand	Crystallography	Birkbeck College, University of London, UK	(0)
Turkey	Metallurgy	Université à Gand, Belgium	(0)

Creation and Transfer of Metallurgical Know-how (cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia	Vacuum metallurgy	British Iron and Steel Research Association, Sheffield, UK	(+)
Yugoslavia	Vacuum metallurgy	Balzens AG, Liechtenstein	(+)
Yugoslavia	Metallurgy	Institut fuer Waermetechnik und Industrieofenbau der Technischen Hochschule Clausthal, Zellersfeld, FRG; Betriebsforschungsinstitut Duesseldorf, FRG	(+)
Yugoslavia	Coefficient of local transfer of heat in sinking Pits	Institut fuer Waermetechnik und Industrieofenbau der Technischen Universitaet Clausthal, Clausthal-Zellersfeld, FRG	(+)
Yugoslavia	Electronic microscope and micro analysis - metallurgy	Centre d'études de chimie métallurgique du CNRS, France; Laboratoire de métallurgie et métallographie à l'Université de Gand, Belgium	(+)

Cement and Concrete Products Industry

Home country	Field of study	Training facility	Evaluation
Hungary	Industrial application of computers in the cement industry	Rugby Portland Cement Co. Ltd., UK; Tunnel Cement Co. Ltd., UK	(+)
Korea, Rep. of	Cement engineering	Study tour in: Denmark; Sweden	(+)
Malta	Materials testing and applied research - concrete and limestone	Stangers Laboratories, Elstree, London, UK	(+)
Niger	Cement	Société Ouest Africaine des Ciments (SOCOCIM), Senegal	(0)
Pakistan	Cement production	F. L. Smidth Laboratory, Copenhagen, Denmark; Visits: Denmark	(+)
Pakistan	Cement manufacture	Study tour: Italy; UK	(+)
Pakistan	White cement production	Instituto per la Ricostruzione Industriale (IRI), Rome, Italy	(0)
Paraguay	Cement	Cementos Tolteca, Zapotilla, Mexico; Cemento Monterrey, Monterrey, Mexico	(+)
Poland	Asbestos cement products	Study tour: Italy	(0)
Tunisia	Cement	La Société des Ciments (Usine de Gargenville), France; Centre des recherches et d'essais de Querville, France; Visits: France	(+)

Cement and Concrete Products Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Turkey	Electrical systems in cement factories	Carl Schenck Maschinenfabrik, Darmstadt, FRG	(+)
Turkey 2x	Cement	Hartmann und Braun AG, Frankfurt, FRG	(+)
Zaire	Cement	Karstrup, Denmark	(+)

Heavy Clay, Ceramics, Glass and Allied Products Industries

Home country	Field of study	Training facility	Evaluation
Bolivia	Ceramics	Karlova Vary Beneficiadora de Cehlin, Czechoslovakia; Fabrics de Azulejos de Jekovnik, Czechoslovakia; Fabrica de Azulejos Incepassa, Brazil; Visits: Brazil and USSR	(+)
Bulgaria	Direct bonded basic refractories	University of Sheffield, UK	(+)
Czechoslovakia	Glass industry	Institut du verre, Paris, France; Laboratoire de recherche d'electro réfractaire, Avignon, France; Visits: (3) firms/institutes in France	(+)
Egypt	Silica, basic and high alumina refractory manufactures	Pickford Holland + Co. Ltd., UK	(+)
Egypt	Building materials and refractory industries	P. H. Betonfabrik "De Meteor", The Netherlands	(0)
Ghana	Technical management - brick and tile industry	Samuel Wilkinson and Sons, Elland, Yorkshire, UK; Redland Bricks Ltd., UK; Sandlime Brick Division, British Industrial Sands, Pedhill, UK	(+)
Iceland	Perlite industry	ETI Institute (Hungarian Institute for Building Sciences), Budapest, Hungary; Visits: Hungary	(+)
India of. Foundries	Building materials for foundries	Zaporoztal Steel Plant, Zaporosheye, USSR	(-)

Heavy Clay, Ceramics, Glass and Allied Products Industries (cont'd)

Home country	Field of study	Training Facility	Evaluation
Indonesia	Ceramics development	Royal Copenhagen Porcelain Factory, Copenhagen, Denmark	(+)
Iran	Optical instruments	Hjelm-Optics, Soborg, Denmark; N. Jørgensen and Co., Copenhagen, Denmark	(0)
Iran	Glass industries	Société Howarbol, Belgium; Visits: Belgium	(+)
Israel	Materials engineering - ceramics	Alfred University, College of Ceramics, New York, USA	(0)
Jamaica	Ceramics	Alfred University, College of Ceramics, New York, USA	(0)
Khmer Rep.	Exploitation of quarries	L'Ecole Nationale Supérieure des Mines, Paris, France; Laboratoire Régional des Ponts et Chaussées d'Angers, Les Ponts de Co, France; Chupin, Saint-Macaire-en Mauges, France; L'Institut de Céramique Française, Sèvres, France	(+)
Madagascar	Modern technology of brick production	Fenens S. A., Switzerland; C. Keller und Co., Laggenbach, FRG; Händle und Söhne, Mühlachen, FRG	(+)
Madagascar	Modern technology of brick production	Tuileries Briqueteries S.A., Bardonnex, Switzerland; C. Keller und Co., Laggenbach, FRG; Händle und Söhne, Mühlachen, FRG	(0)
Malaysia	Ceramics and heavy claywares - research	North Staffordshire Polytechnic, Stoke-on-Trent, UK	(+)

Heavy Clay, Ceramics, Glass and Allied Products Industries
(cont'd)

Home country	Field of study	Training facility	Evaluation
Paraguay	Ceramic industry	Instituto de Pesquisas Tecnologicas del Estado de Sao Paulo, Brazil	(0)
Paraguay	Ceramic industry	Instituto de Pesquisas Tecnologicas del Estado de Sao Paulo, Brazil	(+)
Poland	High alumina ceramics	Institut für chemische Technologie anorganischer Stoffe, Technische Hochschule Wien, Austria	(0)
Poland	Ceramics dielectrics based on ZrO_2 , TiO_2	University of Sheffield, Dept. of Ceramics, UK	(+)
Poland	Refractories industry	University of Surrey, UK	(+)
Poland	Porcelain enamelling	University of Illinois, Dept. of Ceramic Engineering, Urbana, Ill., USA	(+)
Romania	Application of economics in optics	Instituto Nazionale di Offica, Florence, Italy	(+)
Romania	Technology of glass products	Vebe-Glas AG, Essen-Karnap, FRG	(+)
Romania	Technology of glass products	K. Löwingen, Mürrenstadt, FRG; Kopper-Werke, Düsseldorf-Neerdt, FRG	(+)
Romania 2x	Technical glasses for laboratories	Institut du verre, Paris, France; Institut Belge de l'emballage de produits en verre, Belgium; Institut national du verre, Belgium; Société Verlica-Moniques, Belgium	(+)

Heavy Clay, Ceramics, Glass and Allied Products Industries (cont'd)

Home country	Field of activity	Training facility	Evaluation
Romania	Ceramics and glass industries	Institut der Feuerfestindustrie, Bonn, FRG; Visits: FRG and (3) France	(+)
Romania	Manufacture of high alumina oxide ceramics	Study tour: (2) France; (2) Italy	(+)
Romania	Modern technologies for the glass industry, and manufacture of high quality refractories	L'Electro Refractaire, Pontet, France	(+)
Romania	Glass manufacturing	Kastrup-Holmoe and Glaswerke AG, Denmark; Firma Ebner Industrieofenbau, Linz, Austria; Oberglas Glashütten AG, Voitsberg, Austria; Stölzle Glasindustrie AG, Graz, Austria; Firma Linn-Industrieofenbau AG, Hersbruck bei Nürnberg, FRG	(+)
Romania	Glass production	Study tour: (15) Belgium; (6) Italy	(+)
Romania	Ceramic colourants	Study tour: (8) Italy	(+)
Sri Lanka 3x	Production of insulators	N.G.K. Ltd., Nagoya, Japan; Visits to: Atechi Insulators Ltd., Japan and Marju Factory, Japan	(+)
Thailand	Manufacture of refractory products	Institute for Ceramics, Refractories and Raw Materials, Pilsen, Czechoslovakia	(+)
Uganda	Ceramics	North Staffordshire Polytechnic, Dept. of Ceramics, Stoke/Trent, UK	(+)
Uganda	Ceramics Industry	Gibbons Brothers Ltd., Wolverhampton, UK	(+)

Wood Processing and Wood Products Industry

Home country	Field of study	Training facility	Evaluation
Bulgaria	Application of artificial and natural materials in the production of mattresses and upholstered furniture	Study tour: Denmark	(+)
Egypt	Application of particle board to construction and the furniture industries	Study tour: Italy	(+)
Guyana	Industrial wood processing	Government Training Centre, Perivale, UK	(+)
Honduras	Wood processing industry	Study tour: Chile; Spain	(0)
Hungary	Furniture industry	Swedish Forest Products Research Laboratory, Sweden; Visits: (3) Finland; (10) Sweden	(+)
Hungary	Wood finishing	Institut für Holzforschung und Holstechnik, Universität München, FRG; Visits: (6) Firms/institutes in FRG	(+)
Israel	Wood technology	Forest Products Research Laboratory, Aylesbury, UK; Airscrew Weyroc, Weybridge, Surrey, UK Airscrew Weyroc, Marks Tey, Essex, UK	(+) (0) (0)
Nepal	Wood processing	Study tour: Denmark; Finland; Norway	(+)
Paraguay	Wood technology	Agrupamento Anatomia de la División de Maderas del Instituto de Pesquisas Tecnológicas del Estado de Sao Paulo, Brasil	(+)

Wood Processing and Wood Products Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Philippines	Furniture manufacturing	Dal Vera S.p.A., Conegliano, Venice, Italy; Erhardsen and Andersen, Nyhobing Morsk., Denmark	(+)
Philippines	Production of irradiated plastic impregnated soft wood	North Carolina State University, USA	(+)
Poland	Organization and use of computers in the production of wood furniture	Study tour to: Furniture Industry Research Assoc., Stevenage, Hertfordshire, UK; Timber Research and Development Assoc., High Wycombe, UK; Forest Products Research Ltd., Aylesbury, UK; Dal Vera S.p.A., Conegliano, Venice, Italy; SORMANI S.p.A., Anosio, Italy; A. Stefani, Padua, Italy	(+)
Sri Lanka	Timber utilization	Wycombe College of Technology and Art, UK; Visits: UK	(+)
Yugoslavia	Production of upholstered furniture	Firma Polster Richter, Winkel/Rheingau, FRG	(+)
Yugoslavia	Planning, organization and quality control in the production of doors and windows	Study tour: Czechoslovakia	(0)
Yugoslavia	Joinery industry	Study tour: Czechoslovakia	(+)

Wood Processing and Wood Products Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia	Furniture industry - marketing aspects	Furniture Factory, Ijotrkov Polanski, Poland; Furniture Factory, Bodonsko, Poland; Furniture Factory, Loda, Poland; Furniture Factory, Kullang, Poland; Central Office of Furniture Merchandising, Warsaw, Poland	(+)
Yugoslavia	Programming and planning in furniture industry	General Furniture Industry Commission, Brno, CSFR	(-)
Zaire	Furniture industry	Société Boone Internationale, Belgium; N.V. De Ceene, Belgium	(+)

Building Materials (Others)

Home country	Field of study	Training facility	Evaluation
Bolivia	Asbestos processing	Surveyor Henninger and Chenevert Inc., Montreal, Canada; Pilot plant of the Dept. of Natural Resources, Government of Canada, Quebec City, Canada; Visits: (4) firms/institutes in Canada	(-)
Hungary	Mechanization and automation in the building materials industries	Hagemax AG, Münster, FRG; Polysius AG, Neubeckum, FRG; Visits: (23) Denmark; (22) FRG	(+)
Poland	Elastic-based building materials	Institut du Génie Civil, Université de Liège, Belgium; Institute of Architectural Techniques, Polytechnical University of Turin, Italy	(+)
Poland	Prefabricated buildings	University of Trondheim, Norway; Lohja Cement Factory, Helsinki, Norway	(+)
Thailand	Building materials industry	Laboratory for Bygningmaterialen, Copenhagen, Denmark; Danish State Testing Laboratory, Copenhagen, Denmark; Visits: Denmark	(+)
Thailand	Building materials industry	Building Materials Laboratory, Technical University Denmark, Copenhagen, Denmark	(+)
Thailand	Building materials	University of Bradford, UK; British Food Manufacturing Research Association, London, UK; Tropical Products Institute, London, UK	(+)

Basic Chemicals and Chemical Industry (general)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Chemical industry	Laboratoire de l'école supérieure d'application des Corps Gras, Paris, France	(+)
Bulgaria	Synthesis of pyrimidine derivatives	Institut d. organischen Chemie an der Universität Zürich, Switzerland	(+)
Bulgaria	Laboratory methods of testing analysers of gases and liquids	Hartmann und Braun, Frankfurt, FRG; Institut für gerichtliche Medizin, Vienna, Austria	(+)
Burma	Organic chemistry	National Leather Sellers College, London, UK	(0)
Burma	Operation and maintenance of sulphate chemical recovery unit	The West Coast Paper Mills, Andra Pradesh Paper Mills, India	(-)
Chile	Basic (industrial) chemistry	Study tour: FRG; The Netherlands; UNIDO; UK	(+)
Colombia	Chemical engineering	University of Wisconsin, USA	(+)
Czechoslovakia	Thermodynamics and fluid dynamics	Study tour: (4) firms/institutes in the UK	(+)
Cuba	Catalysis and absorption	Institute of Physics and Chemistry of the Academy of Sciences of the USSR, Moscow, USSR	(+)
Ecuador	Manufacture of chemical products	Technische Universität Berlin, Institut für Technische Chemie, FRG; Universität Erlangen, Institut für Ingenieur-Chemie, Erlangen, FRG	(+)
Hungary	Chemical technological processes	University of Bradford, UK	(+)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Iran	Chemical industry	ANIC-X-Establishment, Ravenna, Italy; Montecantini Edison, Brindisi, Italy	(0)
Israel	Control of chemical processes	Warren Spring Laboratory, Gurnels Wood, Stevenage, Hertfordshire, UK	(+)
Israel	Electro-chemical phenomena	SANDOZ AG, Basle, Switzerland; Eidgenössische Technische Hochschule, Zürich, Switzerland; Consiglio Nazionale delle Ricerche, Padova, Italy; Research Institute G. Donegani, Novara, Italy; Istituto di chimica della facoltà di Ingegneria dell'Università Roma, Rome, Italy	(+)
Israel	Chromatography	Universität Saarbrücken - Institut für angewandte physikalische Chemie, FRG	(+)
Israel	Analytical chemistry	Chemistry and Fibre Structure Dept., Shirley Institute, Manchester, UK; Study tour to: University of Manchester, Institute of Science and Technology, UK; I.I. Radfield Co. Ltd., Chinley, UK; John Waltons Co., Ltd., Glossop, UK; English Calico Ltd., Cheshire, UK; Marks and Spencers Laboratory, London, UK; Institute of Industrial Research and Standards, Dublin, Ireland	(+)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Israel	Analytical separation technique	Study tour in: FRG; Italy; UK; USA	(+)
Israel	Computer applications in chemical engineering	General Electric Corporation, Schenectady, New York, USA; Dow Chemical Corporation, Midland, Michigan, USA; Yale University, New Haven, Connecticut, USA; IBM, Watson Research Centre, Yorktown, New York, USA; I. E. du Pont de Nemour and Co., Wilmington, Delaware, USA	(+)
Israel	Computer application in chemical engineering	Northwestern University, Dept. of Chemical Engineering, Evanston, Illinois, USA; University of Michigan, Chemical Engineering Dept., Ann Arbor, Michigan, USA	(+)
Israel	Industrial crystallization	Northwestern University, Chemical Engineering Dept., Evanston, Ill., USA; Visits: (1) FRG; (4) The Netherlands; (1) Spain; (4) UK; (17) USA	(+)
Israel	Construction of chemical plants using chemical equipment	Study tour: (1) FRG; (4) Switzerland; (5) UK	(+)
Morocco	Extraction and preparation of rock salt for processing	Usine Chimique de Ciba-Geigy, Basel, Switzerland; La Société Vaudoise des Mines et Salines de Bex, Switzerland	(+)
Morocco	Utilization of rock and solar salt	Manderstan and Partners Ltd., London, UK; Visits: (2) UK	(+)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Nigeria	Chemical technology	Perkin Elmer Corporation, Norwalk, Connecticut, USA	(+)
Poland	Synthesis of ammonia on digital computer	Instituto di Elaborazione dell Informazione dell Consiglio Nazionale delle Ricerche, Pisa, Italy; Instituto di chimica Industriale ed applicata, Pisa, Italy	(+)
Poland	Collagen-water arrangement	Laboratory of Physical Chemistry University of Groningen, The Netherlands	(+)
of. Environment			
Poland	Chemical industry	UNICON Ltd., London, UK; Strand, Gloucestershire, UK; G.A. Platon Ltd., Basingstoke, UK; G. Kent Ltd., Euton, UK	(+)
Poland	Numerical methods and programming in chemical engineering	Imperial College of Science and Technology, University of London, UK; Visit to: Imperial Chemical Industries Ltd., UK	(+)
Poland	Testing methods of activated carbons and absorption techniques	Research Centre of the Armed Forces, Helsinki, Finland; State Technical Research Institute, Peat and Oil Laboratory, Otaniemi, Finland	(+)
Poland	Electro-chemistry of alkaline batteries	Technical University, Eindhoven, The Netherlands	(+)
Poland	Chemistry of metal organic catalytical complexes	Universität Mainz, FRG	(0)
Poland	Physical and organic chemistry	City University, London, UK	(+)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Chemical engineering	Imperial College of Science and Technology, London, UK	(+)
Poland	Use of digital computers for chemical engineering design work	University of Cambridge, UK	(0)
Poland of. Environment	Problems of water pollution and waste management	FAWAG, Dübendorf, Switzerland	(+)
Poland	Use of computers in chemical engineering (methanol reactor)	University of Cambridge, Dept. of Chemical Engineering, UK	(0)
Poland	Electrical installations in the chemical industry	Study tour in: France; Italy	(0)
Poland	Chemical reactors	Laboratoire de Génie Chimique, Université Libre de Bruxelles, Brussels, Belgium	(+)
Poland	Application of computers in industrial chemical processes	University of Bradford, UK; Cadbury-Schweppes Ltd., Chirk - N. Wales, UK	(+)
Poland	Electrical installations in the chemical industry	Study tour in: Italy; UK	(+)
Poland of. Environment	Biological treatment of waste water of chemical industries and municipal sewage	Montedison Group, Dept. of Environmental Protection and Work Security, Milan, Italy; Technical University of Turin, Institute of Industrial Chemistry, Italy; Visits: (9) firms/institutes in Italy	(+)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Low temperature thermal conductivity of solids	Thermophysical Properties Research Center, Purdue University, Illinois, USA; Visits: (7) firms/institutes in the USA	(+)
Poland	Methods of designing and constructing chemical laboratories	Study tour: In Italy as follows: (8) Rome; (3) Cagliari; (4) Genoa; (2) Turin; (4) Milan; (3) Naples	(+)
Poland	Chemical engineering - measurement of residence time distribution functions and estimation of related parameters by digital computer	Laboratory of Chemical Engineering, Technical University of Norway, Trondheim, Norway	(+)
Poland	Chemical reactors	Technisch-Chemisches Laboratorium der Eidgenössischen Technischen Hochschule Zürich, Switzerland; Visits: (5) Switzerland	(+)
Poland	Synthesis of pyrazole derivatives	University of Uppsala, Dept. of Organic Chemistry, Sweden; Visits: (1) Sweden	(+)
Poland	Toxonomy of micro-organisms	Karolinska Institute, Dept. of Applied Micro-biology, Stockholm, Sweden	(+)
Poland	Rapid analysis of surfactant mixtures by thin layer chromatographic densitometric procedure	Stazione Sperimentale Ilie Grassi, Milan, Italy; University of Salford, Dept. of Applied Chemistry, UK	(0)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Organic resins used as concrete additives and corrosion preventives	Kasner, Winkler + Cie., Switzerland; Visits: Belgium	(+)
Romania	Equipment in the chemical industry	Université de Liège, Belgium; Visits: (2) Belgium	(+)
Romania	Catalysts	University of Birmingham, UK	(+)
Romania 2x	Catalysts	Institut de recherches sur catalyse, Villeurbanne, France	(+)
Romania 2x	Catalysts	Institut Français du pétrole, Paris, France	(+)
Sudan	Research in the chemical industry	University of Salford, Analytical Chemistry Dept., UK	(+)
Tanzania	Chemical industry	University of Surrey, UK	(+)
Tanzania	Chemical engineering	Gewerkschaft Victor, Gastrop-Rauxel, FRG; Visits to: Test Centre Hannighof, Dülmen, FRG; Sulphitic Acid plants of Puhrschwefelsäure, Bochum, FRG; Knarf Gipswerk, Gastrop-Rauxel, FRG	(+)
Thailand	Organic chemistry	University of Birmingham, UK	(0)
Thailand	Research in reverse osmosis	Michigan State University, Dept. of Chemical Engineering, Lansing, Michigan, USA	(+)
Thailand	Chemical engineering - research	University of Denver, College of Engineering, Colorado, USA	(0)

Basic Chemicals and Chemical Industry (general)
(cont'd)

Home country	Field of study	Training facility	Evaluation
Thailand	Industrial microbiology	Study tour in: FRG; The Netherlands; UK	(0)
Togo	Manufacture of detergents	Biocabel, Brussels, Belgium; Coges, Brussels, Belgium; Tensia, Liège, Belgium; Delacre, Vilvarde, Belgium; Co-va-Seul, Vilvarde, Belgium	(+)
Yugoslavia	Recovery of chemicals in the Mg-bisulphite process	Tampello, Finland	(+)
Yugoslavia	Application of auto-analysers in the chemical industry	Technicon Co., Tarrytown, New York, USA; Visits: USA	(0)
Yugoslavia	Preparation, washing and screening in the process of sulphate pre-hydrolysis	Zellstoffabrik, Vranov and Toplo, Czechoslovakia	(+)

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Pharmaceutical, Cosmetics and Essential Oils Industries

Home country	Field of study	Training facility	Evaluation
Malaysia	Essential oils and spices	Tropical Products Institute, London, UK	(+)
Pakistan	Penicillin production	School of Pharmacy, University of Wisconsin, USA	(+)
Pakistan	Quality control in the manufacture of penicillin	University of Wisconsin, USA; Michigan State Health Laboratory, USA; United States Food and Drug Administration, Washington D.C., USA	(+)
Pakistan	Quality control in the manufacture of penicillin	University of Wisconsin, Madison, Wisconsin, USA; Michigan State Health Laboratory, Michigan, USA; United States Food and Drug Administration, Washington, D.C., USA	(+)
Paraguay	Essential oils - (tropical fruit processing technology)	Tropical Products Institute, London, UK; University of California, Davis, California, USA	(+)
Poland	Vitamins and antibiotics	Instituto Superiore di Sanita, Rome, Italy	(+)
Poland	Cosmetic emulsions	Atlas Chemie, Essen, FRG	(+)
Poland	Methods of column chromatography to obtain mono-component insulin	Endocrine Research Unit, University of Groningen, The Netherlands	(+)
Poland	Cosmetics and household aerosols	Firma Givandan S.A., Geneva, Switzerland Visits: (2) Switzerland	(+)
Poland	Bio-synthesis of polypeptide antibiotics	Biochemical Institute, University of Oslo, Norway	(+)

Pharmaceutical, Cosmetics and Essential Oils Industries
(cont'd)

Home country	Field of study	Training Facility	Evaluation
Poland	Extended action in dry medicine forms	Institute of Galenical Pharmacy, Uppsala, Sweden; Visits: (2) Sweden	(+)
Poland	Vitamin analysis	Läike Oy Co., Turku, Finland	(+)
Poland	Chemical and pharmaceutical industries	Institut für chemische Technologie and der Technischen Hochschule Wien, Vienna, Austria	(+)
Poland	Chemical and pharmaceutical industries	Chemische Werke Hüls AG, Marl-Tecklinghausen, FRG; Visit to: Farbwerke Höchst, Frankfurt, FRG	(+)
Poland	Chemical and pharmaceutical industries	Institut für Physikalische Chemie an der Universität Wien, Vienna, Austria	(+)
Poland	Cosmetics	Bush Boake Alloy, Lonsloi, UK; Hoarden, Bossüm, The Netherlands; University of Milan, Italy; Istituto Biochimico Italiano, Milan, Italy; Farmaceutico e Cosmetico Laboratorie Imperia, Italy	(+) (+) (0) (+)

Pulp and Paper Industry

Home country	Field of study	Training facility	Evaluation
Bulgaria	Production of corrugated cardboard	Glucerris Péunie (Alou), Lorieux de France, France Visits: Belgium	(+)
Bulgaria	Use of waste paper in paper making	Kotka, Raf, Haarla Ltd, Finland Inkerainen, Tampella Ltd., Finland	(0)
Bulgaria	Pulp and paper	Study tour: (4) FRG; (2) Finland	(+)
Czechoslovakia	Paper making and bleaching pulps from hardwoods	OHI Paper Co., Kasugai Mill, Japan; Visits: (6) firms in Japan	(+)
Czechoslovakia	Technology of hardwood utilization for paper production	OJI Paper Co., Kasugai Mill, Japan; Visits: (4) firms in Japan	(+)
Egypt	Pulp and paper	Pars Paper Co., Iran; C.A. Venezuela de Pulpa + Papel (VENAPEL), Venezuela; ICIDCA, Cuba; Visits: (2) Iran; (3) USA	(+)
Egypt	Pulp and paper newsprint and paper board	Pulp and Paper Institute, Trondheim, Norway	(0)
Hungary	Paper industry	University of Manchester, Institute of Science and Technology, Paper Science Division, UK; Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Visits: (15) firms/institutes in the UK	(+)
Hungary	Paper industry	Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherland, Surrey, UK	(+)

Pulp and Paper Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Israel	Paper technology	Forest Products Laboratory, Madison, Wisconsin, USA; Keskus Laboratory Central, Finish Pulp and Paper Institute, Helsinki, Finland; Technical University of Trondheim, Norway	(+)
Ivory Coast	Paper industry	Moulin Vieux, France; La Société Enveloo - Ets. Lagast, Soignies, Belgium	(+)
Poland	Viscose pulps	Keskus Laboratory Central, Finish Pulp and Paper Institute, Helsinki, Finland	(+)
Sudan	Pulp and paper chemistry	University of Manchester, UK	(0)
Thailand	Research on the conversion of kenaf into paper	Northern Regional Research Center, Agricultural Research Service, United States Dept. of Agriculture, Peoria, Illinois, USA	(+)
Yugoslavia	Manufacture of coating paper	Norwegian Pulp and Paper Research Institute, Oslo, Norway; Institute for Paper Technology, Trondheim, Norway	(+)
Yugoslavia	Manufacture of coating paper	Norwegian Pulp and Paper Research Institute, Oslo, Norway; Songsbrugsforeningen Paper Mill, Halden, Norway	(+)
Yugoslavia	Waste water conditioning in pulp production	Study tours: USA	(0)
Yugoslavia	Timber preparation for cellulose production (pulp and paper pilot plants)	Borregard Fabrik Sapsborg, Norway; Borregard Fabrik, Hallein, Austria	(+)

Pulp and Paper Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia cf. Environment	Treatment of waste waters from pulp and paper mills	Cellulose Fabrik Altishelm AG, Lauterbach, Switzerland	(+)
Yugoslavia	Chemical recovery in production of dissolving pulp by pre-hydrolysis sulfate process	Stavarens Angtekniska, Göteborg, Sweden; A.B. KMW., Karlstad, Sweden; Zellstoff und Papierfabrik Frantschach, Austria; Visits: (2) firms in Austria	(+)
Yugoslavia	Cook of beechwood based on Mg-bisulphite process	Fabrik Hissmefors, Sweden; Fabrik Kyrkbyn, Firma Bilerud, Sweden	(+)
Yugoslavia	Production processes in pulp and paper mills	Örebro Papersbruks AB-Frovifors, Frovi, Sweden; Zellstoff und Papierfabrik Frantschach, Austria	(+)
Yugoslavia	Preparation of timber for cellulose production	Bukoza, Vrnov/Toplon, CSSR; Severoslovenska Celulosa, CSSR; Papir, Tazemberok, CSSR; Ducina, Zvolen, CSSR; Drevni Kombinat, CSSR	(+)
Yugoslavia	Production of chemical cellulose	Study tour: Finland	(+)

Fertilizers

Home country	Field of study	Training facility	Evaluation
Afghanistan	Electrical equipment in the fertilizer industry	NIPAK, Inc., Pryor, Oklahoma, USA; Visits: USA	(+)
Afghanistan	Engineering and mechanics of fertilizer plants	Research Institute for Management Sciences (RVB), Delft, The Netherlands; NIPAK, Inc., Pryor, Oklahoma, USA	(+)
Cyprus	Project engineering for production of plants of nitrogen, phosphate and potassium	Cremer and Warner Consultant Engineering Firm, London, UK; Visits: (3) firms/institutes in the UK	(+)
Haiti	Fertilizers, pesticides and mineral oils	Centre de recherches phyto-pharmaceutiques (PECHINEY PROGIL), Lyon, France; Centre de recherche agronomique de l'Etat à Gimblaux, Belgium; Société Christiaens et Chimac, Belgium	(+)
Indonesia	Fertilizer production	Tennessee Valley Authority (TVA), Muscle Shoals, Alabama, USA; ICI-Imperial Chemical Industries, UK	(+)
Iraq	Fertilizer industry	Scottish Agricultural Industries Ltd., UK	(+)
Israel	Phosphoric acid for production of fertilizers	Tennessee Valley Authority (TVA), Muscle Shoals, Alabama, USA	(+)
Pakistan	Fertilizers	Iowa State University, Dept. of Chemical Engineering, Ames, Iowa, USA; Tennessee Valley Authority, National Fertiliser Development Center, Muscle Shoals, Alabama, USA; Cooperative Farm Chemical Association (CFCA), Lawrence, Kansas, USA; Visits: (18) firms/institutes in the USA	(+)

Fertilizers (cont'd)

Home country	Field of study	Training facility	Evaluation
Pakistan	Fertilizer industry	Tennessee Valley Authority, Muscle Shoals, Alabama, USA; VSS Agri-Chemical Inc., Fort Meade, Florida, USA	(+)
Pakistan	Nitro-phosphate fertilizers	Tennessee Valley Authority, Muscle Shoals, Alabama, USA; Canadian Industries Ltd., Ingersoll, Ontario, Canada; Cyanamid of Canada Ltd., Welland Plants, Ontario, Canada; Lamiton Work, Countright, UK	(0)
Saudi Arabia 3x	Fertilizers	Phillips Petroleum Company, Beatrice, Nebraska, USA; Tennessee Valley Authority, National Fertilizer Development Center, Muscle Shoals, Alabama, USA	(+)
Saudi Arabia	Preventive maintenance of fertilizer plants	Imperial Chemical Industries Ltd., Agricultural Division, Billingham, Teesside, UK	(+)
Syrian Arab Republic	Fertilizer	Tennessee Valley Authority, Muscle Shoals, Alabama, USA	(+)
Tunisia	Manufacture of phosphate fertilizers and mixed fertilizers	ANIC, Gela, Italy; ISAD, Gela, Italy; Fertiberia, Castellon, Spain	(+)
Turkey	Chemical fertilizer plant	Tennessee Valley Authority, Muscle Shoals, Alabama, USA	(+)

Pesticides

Home country	Field of study	Training facility	Evaluation
Burma 2x	Pesticides	Group Training Programme - Industrial Production of Pesticides in Developing Countries, Syracuse University Research Center, New York, USA	(+)
Cuba	Pesticides	Ciba-Geigy, Basel, Switzerland	(0)
Haiti	Pesticides, fertilizers and mineral oils	Centre de recherches phyto- pharmaceutique (Pechiney- Progil), Lyon, France; Centre de recherche Agronomique de l'Etat à Gimblaux, Belgium; Société Christiaens et Chimac, Belgium	(+)
Poland	Analytical chemistry of pesticides and related components	Laboratory of the Government Chemist, London, UK	(+)

Petrochemicals

Home country	Field of study	Training facility	Evaluation
Bulgaria	Kinetics of polymerization processes	Organisch-chemisches Institut der Universität Mainz, FRG	(0)
Bulgaria	Shoe adhesive formulation	Tivoli Werke, Hamburg, FRG	(-)
Bulgaria	Additives for lubricating oils and fuels	Institut de recherche de la Société NEFTOCHIME, Belgium; Labofina S. A. (Petrofina), Brussels, Belgium; Institut Français de Pétrole, Paris, France; Visits: Belgium; Switzerland	(+)
Burma 2x	Petrochemicals	Petrochemical Technology Training Programme, Bucharest, Romania; Visits: (7) firms in Romania	(+)
Chile	Plastics	Instituto de Plasticos y Caucho del Patronato de Investigacion, Cientifica y Técnica "Juan de la Cierva", Madrid, Spain	(+)
Chile	Plastic technology	TEK Institute, Copenhagen, Denmark; Instituto de Plasticos y Caucho, Madrid, Spain; Visits: France; USA	(+)
Czechoslovakia	Plastics technology	Injection Moulding Principle and Practice Course, New York University, USA; National Plastics Conference and Exhibition, Chicago, Illinois, USA; Stevens Institute of Technology, Hoboken, New Jersey, USA; Visits: (4) firms in the USA	(+)
Czechoslovakia	Analysis of high boiling crude oil fractions	Bureau of Mines, Bartlesville, Oklahoma, USA; Bureau of Mines, Laramie, Wyoming, USA	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Ghana	Polymol technology	Study tour: Japan, UK (UK)	(0) (+)
Hungary	Production of artificial leather	Rubber and Plastic Research Assoc. (RAPRA), UK; The Shoe and Allied Trades Research Association (SATRA), Kettering, UK; Imperial Chemical Industries Ltd., Hyde, UK	(0)
Hungary	Plastics processing	Institut für Kunststoffverarbeitung, Rheinisch-Westfälische Hochschule, Aachen, FRG	(+)
Hungary	Plastics processing	Deutsche Kunststoffindustrie, Darmstadt, FRG; Technische Hochschule Aachen, FRG; Institut für Textilchemie, Reutlingen, FRG; Farbenfabrik Bayer, Leverkusen, FRG; ENKA Glanzstoff GmbH., Obernburg, FRG	(+)
Hungary	Production of artificial leather	Deutsche Solvay Werke GmbH, FRG; Solvay, Brussels, Belgium	(+)
Hungary	Thermal cracking of hydrocarbons and hydrocarbon derivatives	Technische Hochschule Wien, Institut für chemische Technologie organischer Stoffe, Austria; Österreichische Mineralölverwaltung (OMV), Vienna, Austria	(+)
Hungary	Production of artificial leather	Polytechnic Institute of New York, USA; Visits: USA	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
India	Synthetic resins and adhesives	University of Akron, Institute of Polymer Science, Akron, Ohio, USA; Visits: (13) firms/institutes in the USA	(+)
India	Mica processing	Study tour: (4) France; (5) Japan; (5) USA	(+)
India	High polymers - natural and synthetic tannins	Dept. of Chemistry, University of Sheffield, UK	(+)
India	Chemistry of polymers	Study tour: FRG; France; The Netherlands; Switzerland, UK	(+)
India	Plastic moulding and fabrication of reinforced plastics	International Plastic Industries Consultants, Inc., New York, USA; Plastics Exposition, Chicago, Illinois, USA; Visits: USA	(+)
Israel	Starch chemistry and plastic castings	Study tour: FRG; Switzerland, UK	(0)
Israel	Fabrication and processing of thermo-plastic material	Allied Chemical Corporation, Morris Town, New Jersey, USA	(+)
Israel	The utilization of plastics for industry	Battelle Memorial Institute, Columbus, Ohio, USA; Visits: (12) firms/institutes in the USA	(+)
Israel	Polymers for use	Dept. of Chemical Engineering and Institute of Materials Science, University of Jerusalem, ILL	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Israel	Preparation and stabilization of polymers	Study tour in the Universities of: Lancaster; Glasgow; Liverpool; East Anglia, Norwich; Sussex; Manchester; Bradford (all UK)	(0)
Israel	Processing and evaluation of thermoplastics	Plastics Development Center, Ford Motor Co., Detroit, Michigan, USA	(+)
Israel	Plastics processing	Nastola, Plastics Division, Finland; Danska Kunstof Industri, Copenhagen, Denmark	(+)
Israel	Plastics technology	University of Naples, Italy; Visits: (5) firms/institutes in Italy	(+)
Israel	Plastics	University of Manchester, Institute of Science and Technology, Dept. of Polymer and Fibre Science, UK; University of Aston, Birmingham, UK; National College of Rubber Technology, London, UK; University of Akron, Institute of Polymer Science, Akron, Ohio, USA; Case Western Reserve University, School of Engineering, Cleveland, Ohio, USA	(+)
Israel	Processing and characterization of thermo plastics	Study tour: (1) Denmark; (2) Netherlands; (3) Norway; (3) Sweden; (6) UK	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Pakistan	Plastics processing	Osterreichische Stickstoffwerke AG, Linz, Austria; Visits: USA	(+)
Pakistan	Petrochemical economics	Osterreichische Stickstoffwerke AG, Linz, Austria; M/S Chemical Project International, Rome, Italy	(+) (0)
Pakistan	Chemical and petrochemical industries	United States Bureau of Mines, Pittsburgh, Pennsylvania, USA	(+)
Pakistan	Chemical and petrochemical industries	Forschungsinstitut für Pigment und Laqueur, Stuttgart, FRG	(+)
Pakistan	Chemical and petrochemical industries	Study tour in: USSR	(+)
Pakistan 2x	Synthesis of polyvinyl chloride and organic solvents	Study tour in: Canada	(0)
Pakistan	Synthesis of methanol resins and adhesives	University of Texas, Austin, Texas, USA	(+)
Pakistan	Petrochemical economics	Humphreys and Glasgow Ltd., London, UK; Graduate Centre for Management Studies, Birmingham, UK	(+) (0)
Pakistan	Natural gas used in petrochemical industry	Humphreys and Glasgow Ltd., London, UK	(0)
Pakistan	Chemical and petrochemical industries	Forschungsinstitut für Pigment und Laqueur, Stuttgart, FRG; Bundesanstalt für Materialprüfung, Berlin, FRG; Visits: UK	(0)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Pakistan	Chemical and petrochemical industries	United States Bureau of Mines, Pittsburgh, Pennsylvania, USA	(+)
Pakistan	Chemical and petrochemical industries	Study tour in: USSR	(-)
Pakistan	Petrochemical economics	Institute of Social Studies, The Hague, The Netherlands	(+)
Pakistan	Petrochemical industries	Osterreichische Stickstoffwerke, Linz, Austria	(+)
Peru	Petrochemical industry	Mexican Petrochemical Institute (IMP), Mexico; PEMEX - Petroleos Mexicanas, Mexico; Celanese Mexicana, Mexico	(+) (0)
Peru	Petrochemicals	Japan Gasoline Co., Ltd., Japan	(+)
Poland	Effects of processing conditions on properties of thermo plastics	Rubber and Plastics Research Association of Great Britain, Shrewsbury, UK	(+)
Poland	Problem of fatigue of rubber and textile compositions	Rubber and Plastics Research Association of Great Britain, Shrewsbury, UK; City University, London, UK	(-)
Poland	Techniques of fractioning heavy distillates and residual oils (including molecular distillation)	SNAM Progetti, Italy	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Techniques of determining polymer properties	Laboratory of Polymer Technology, Technical University Eindhoven, The Netherlands; Laboratory of Polymer Technology, University of Naples, Italy; Cattedra Chimica Macromolecolare, Istituto di Chimica Industriale del Politecnico, Milan, Italy	(+)
Poland	Rubber chemistry	Rubber and Plastics Research Association of Great Britain, Shrewsbury, UK	(+)
Poland	Mechanical properties of polymers - evaluation and testing	Plastics and Rubber Research Institute RNO, Delft, The Netherlands	(+)
Poland	Rubber chemistry and technology	Rubber and Plastics Research Association (RAPRA), UK	(+)
Poland	Rubber chemistry and technology	Rubber and Plastics Research Association (RAPRA), UK; Plastics and Rubber Research Inst., TNO, Delft, The Netherlands	(+)
Poland	Application of rubber and plastics in chemical plants	M. Monks and Co., Ltd., Warrington, UK	(+)
Poland	Paints - pigments	University of Leeds, Dept. of Colour Chemistry, UK	(+)

Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Carbo chemistry	Study tour: The Netherlands; UK; USA	(+)
Poland 2x	Carbo chemistry	United States Bureau of Mines, Pittsburgh, Pennsylvania, USA	(0)
Poland	Test methods of paints and modern painting techniques	Verfinstitut TNO, Delft, The Netherlands	(+)
Poland	Analysis of petroleum and petrochemical products	University of Birmingham, Dept. of Chemistry, UK; University of Manchester, Dept. of Chemistry, UK	(+)
Poland	Use of machine tools for injunction mouldings and technical control of plastic and rubber products	Smart and Brown Factory, Hereford, UK; British Industrial Plastics Ltd., Birmingham, UK; General Engineering Co., Radcliffe, UK; Excelsior Plastics, UK	(+)
Poland	Processing and test methods of thermo-plastic production	Study tour: USA	(+)
Poland	Production of reinforced plastic vessels, cisterns and PVC pipes	S.A. A. Nuova Italtresina, Milano, Italy; Visits: (7) firms/institutes in Italy	(+)
Poland	Evaluation of plastics properties, quality and application	Plastics and Rubber Research Institute, TNO, Delft, The Netherlands; Technische Hogenschool - Fysische Technologie, Delft, The Netherlands	(+)
Poland	Polymers - varnish, synthetic resins; research methods of varnish coatings	Institut für Technische Elektrochemie, Technische Hochschule Wien, Austria	(+)

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Petrochemicals (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Rubber technology	Rubber and Plastic Research Assoc. (RAPRA), UK	(+)
Romania	Corrosion preventives	Dept. of Petroleum Engineering, University of Texas, Austin, Texas, USA	(+)
Romania	Polymers	Institut Français du Caoutchouc, Paris, France	(0)
Romania	Chemistry and technology of stereo-specific elastomers	Plastics and Rubber Research Institute, TNO, Delft, The Netherlands	(+)
Romania	Petrochemical industry	Enterprise Lebon Informatique, France; Study tour: IBM Italia, Italy; Olivetti, Italy	(+)
Romania	Testing and analysis of textile fibres and filaments	Le Centre de Recherche et de Contrôle Lainer et Chimique (CELAC), Laboratoire, Belgium; Visits: (2) firms/institutes in France	(+)
cf. Textiles			
Romania	Computer control system in the petrochemical industry	University of Nottingham, Dept. of Chemical Engineering, UK	(+)
Sri Lanka	Manufacture of emulsified asphalts	Joint UNIDO/Romania Centre, Romania; Nord Refinery, Pleisti, Romania; Natzol Factory, Pleisti, Romania	(-)

Textile Industry

Home country	Field of study	Training facility	Evaluation
Argentina	Textile technology	Instituto Químico y Textil del Centro de Investigación y Desarrollo del Patronato Juan de la Cierva del Consejo Superior de Investigaciones Científicas de Barcelona, Spain	(+)
Bulgaria	Polyester fibres	L'Institut Textile de France (ITF), Boulogne-sur-Seine, France	(+)
Bulgaria	Spinning	Platt International Ltd., UK; Spencer and Halstead Ltd., UK; Cliffe + Co Ltd., UK; Fairbairn Lawson Ltd., UK	(+)
Costa Rica	Textiles - quality control	Laboratoire Central du Ministère de l'Economie et des Finances (MEF), Paris, France; Centre Textile du Nord (CTN), Roubaix, France; L'Institut National du Tapis (INT), Tourcoing, France	(0)
Costa Rica	Textiles - quality control	Laboratoire Central du Ministère de l'Economie et des Finances (MEF), Paris, France; Centre Textile du Nord (CTN), Roubaix, France; Institut National du Tapis (INT), Tourcoing, France	(+)
Czechoslovakia	Optimal use of textile materials	Study tour: (12) firms/institutes in the USA	(+)
Dahomey	Textiles	Michele Solbinti, Italy; Tintoria-Stamperia de Como, Italy; Tessitura de Lonate Pozzolo, Italy	(+)

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Dahomey	Textile industry	Société Paul Perrin, Nomexy, France; Shaefte, Vieux-Thonn, France; Industrie de la Maille Couvet, France; Confection en Suisse, Neuchatel, Switzerland	(0)
Egypt	Textile finishing	Instytut Włókiennictwa, Lodz, Poland; Centralne Laboratorium Przemysłu Bawełnianego, Lodz, Poland; Uniotex, Lodz, Poland; Poltex, Lodz, Poland	(+)
Egypt	Textiles - quality control	North Carolina State University, Raleigh, North Carolina, USA; Visits: USA	(+)
Egypt	Weaving - quality control	University of Leeds, Textile Dept., UK	(+)
Egypt	Textiles - quality control	University of Bombay, Dept. of Chemical Technology, India; Bombay Textile Research Association, India; Ahmedabad Textile Industrial Research Association (ATIRA), India; Visits: India	(+)
Egypt	Textile machinery	Platt International Ltd., UK	(+)
Hungary	Household textiles	Edgar Pickering Ltd., Blackburn, UK; Singer Ltd., Blackburn, UK; Associated Weavers Ltd., Bradford, UK	(+)

Textile Industry (cont'd)

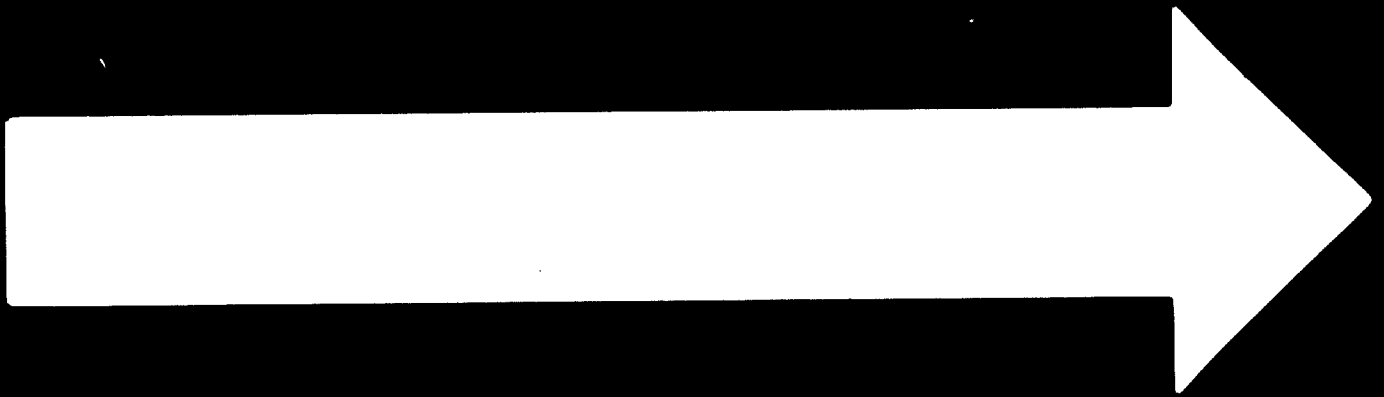
Home country	Field of study	Training facility	Evaluation
Hungary	Knitting industries	Study tour: Huber's Erben, Ötztis, Austria; Seewald, Ötztis, Austria; B. Mäser, Dornbirn, Austria; Benger, Bregenz, Austria; F. Geiger, Schwaz, Austria	(0)
Indonesia	Textile finishing and printing	Manufacture Cotoniere Meridionali, Salerno/Fratte, Italy; Giardino, Ponzano Biellese, Italy; Giardino Maglia at Viglanose, Biella, Italy; Cromos Cerro Maggiore, Italy; Cantoni, Saronno, Italy; "3T" (Tessitura, Tessuti, Tecnici), Villa Cortese, Italy	(+)
Indonesia	Textile finishing	Shirley Institute, Manchester, UK; ICI, Organics Division, Manchester, UK; Hoechst, Frankfurt, FRG	(0)
Indonesia Ex	Textiles	Toray Industries Inc., Osaka City, Japan	(+)
Indonesia Ex	Weaving	Hoger Rijkinstituut voor Textiel en Kunststoffen, Gent, Belgium; Laboratoire de Meulemeester Rijksuniversiteit Gent, Belgium; N.V. Weefautomaten Picanol, Ieper, Belgium; Société T.A.S., Sneffe, Ieper, and Kersken, Belgium	

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Indonesia	Spinning	Shirley Institute, Manchester, UK; Flatt International Training School, Accrington, UK; Visits: UK	(+)
Indonesia	Weaving	Shirley Institute, Manchester, UK; N.V. Neefautomaten Picanol, Ieper, Belgium	(+)
Indonesia	Spinning	OY Finlayson-Forssa ab Porin Puuvilla, Finland	(+)
Indonesia	Weaving	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands	(+)
Indonesia	Weaving	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands; Hogere Textielschool, Enschede, The Netherlands	(+)
Indonesia 2x	Spinning	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands	(0)
Indonesia	Textiles	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands; Hogere Textielschool, Enschede, The Netherlands; Visits: (2) The Netherlands; (1) FRG	(0)
Indonesia	Finishing	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands; Hogere Textielschool, Enschede, The Netherlands	(+)
Indonesia 3x	Spinning	Royal Textile Mills Nijverdal Ten Gate, Almelo, The Netherlands; Hogere Textielschool, Enschede, The Netherlands	(+)

Textile Industry (cont'd)

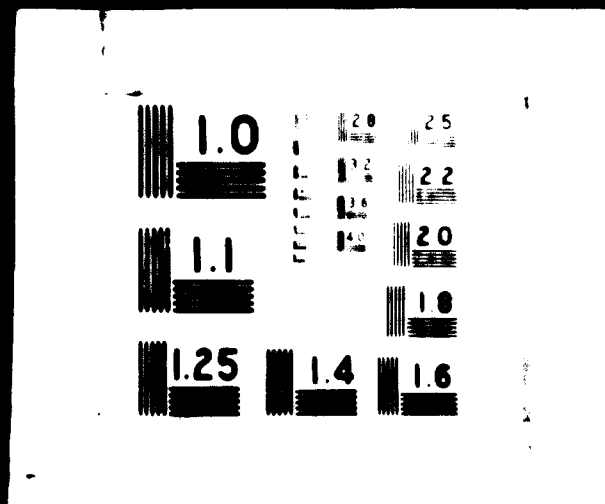
Home country	Field of study	Training facility	Evaluation
Israel	Physical chemistry of fibres	National Bureau of Standards, Institute for Materials Research, Golthersbury, Maryland, USA; McGill University, Montreal, Canada; Trärforskningsinstitutet (Swedish Forests Products Research Lab), Sweden; Swedish Institute for Surface Chemistry, Stockholm, Sweden; Visits: (1) Canada; (4) USA	(+)
Israel	Fibres biology	Study tour: Belgium; Denmark; France; FRG; Sweden; Switzerland; UK	(0)
Israel	Textile physics	Study tour: France; Sweden; UK	(+)
Israel	Textile physics	Vezeline Institute, Delft, The Netherlands; The Agriculture University, Wageningen, The Netherlands; Technical University, Delft, The Netherlands; Institute for Industrial Research and Standards, Dublin, Ireland; Kilkenny Design Workshop, Dublin, Ireland; Pallas Manufactures, Dublin, Ireland; Dept. of Textile Technology, University of Manchester, UK; Shirley Institute, Manchester, UK; Dept. of Textiles Physics, University of Leeds, UK; Dept. of Textile Technology, University of Bradford, UK	(0)



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Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Israel	Textile finishing	North Carolina State University, USA; Visits: USA	(+)
Israel	Textile testing	Study tour: Belgium; France; The Netherlands; Switzerland; UK	(0)
Khmer Rep.	Textiles	Société TAS S.A., Sneffe, Ieper and Kersken, Belgium; Ets Charles Ernaelsteen, Brussels, Belgium; Picanol S.A., Ieper, Belgium; Hoechst Offenbach (Frankfurt), FRG; Laboratoire de BASF, Ludwigshafen, FRG	(+)
Madagascar	Maintenance and repair of apparel machinery	Société des études Sean Patti, France; Société parisienne des usines Halweg, Paris, France; Visits: Italy	(+)
of. Maintenance and repair			
Nepal	Cotton industry	Bolton Institute of Technology, Bolton, Lancs., UK; Reggiani, Bergamo, Italy; Biffinova, Prato, Italy; Visits: UK	(+)
Papua New Guinea	Sericulture	Central Silk Board, Bombay, India; Korat Training Centre, Patchboon Chiri Thai Silk Co. Ltd., Thailand; Sericultural Research Station at Suwon, South Korea; Visits: India; (6) Thailand	(+)
Paraguay	Textiles	Centro de Investigaciones Textiles del Instituto Nacional de Tecnología Industrial, Buenos Aires, Argentina	(+)

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Modern building structures for textile plants	Scott Wilson, Kirkpatrick and Partners, London, UK; Taylor Woodrow Ltd., London, UK; Visits: UK	(+)
Poland	Modern building structures for textile plants	Scott Wilson, Kirkpatrick and Partners, London, UK; Taylor Woodrow Ltd., London, UK; Study tour: UK	(+)
Poland	Radiation chemistry of textile polymers	University of Leeds, Dept. of Textile Industry, UK; Visits to: International Wool Secretariat, Wool Industry Research Association and the Shirley Institute, Manchester, UK; High Energy Radiation Research Centre, Cockridge, UK; Radiation Laboratory, Physical Chemistry Dept., University of Leeds, UK	(+)
Poland	Special application of thermo-plastic polymers to textile production	University of Leeds, UK	(+)
Poland	Construction problems and control methods of machines for the textile industry	Nazionali Cogne, Imola, Italy; Nazionali Sant Andrea, Novara, Italy; Visits to: Officine Savio, Pordenone, Italy; Istituto die Ottica, Firenze, Italy	(+) (0)
Poland	Methods of textile finishing	University of Leeds, UK	(+)
Poland	Modern spinning processes and machinery	Pottendorfer Textilwerke, Felizdorf, Austria	(+)

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Textile industry	University of Leeds, UK	(+)
Poland	Dying and finishing of fibres	Tuchfabrik Sevelen, Switzerland	(0)
Poland	Waster spinning systems	Wool Industries Research Association, Leeds, UK	(+)
Poland	Dying and finishing of fibres	Tuchfabrik Sevelen, Switzerland	(0)
Poland	Methods of textile fibre structure	University of Leeds, UK	(+)
Poland	Processing of synthetic fibres in textile industries	University of Leeds, UK	(+)
Poland	Chemical finishing of non-woven textiles	University of Leeds, UK; Study tours: UK	(+)
Poland	Loom designing and building	Cardella Company, Italy; Officine Meccaniche Manegatto, Italy; Officine Meccaniche Petazzio, Italy	(+)
Poland	Textile machines	University of Manchester, Dept. of Textile Technology, UK	(+)
Poland	Organisation and management of wool factories	International Wool Secretariat, Technical Centre, Ilkley, Yorkshire, UK; Visits: (9) firms/institutes in the UK	(+)
Poland	Textile testing	Swedish Institute of Textile Research, Östeborg, Sweden	(+)

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Spinning processes of natural and man-made fibres; machines	Hyvillaoy, Hyvinkää, Finland	(+)
Poland	Chemical analysis of wool fibres	Deutsches Wollforschungsinstitut an der Technischen Hochschule Aachen, FRG	(+)
Poland	Dying of polyacrylonitrile fibres	Sandoz AG, Basel, Switzerland; Scholl AG, Zofingen, Switzerland	(+)
Poland	Textile fibres and laboratory equipment	Ziefried Peyer, Switzerland; Visits: (5) firms/institutes in Switzerland	(+)
Poland	Flame and water proofing of textiles	University of Leeds, Dept. of Textile Industries, UK	(+)
Poland	Machines and equipment for the clothing industry	G. M. Pfaff AG, Kaiserslautern, FRG	(+)
Poland	Spinning	Platt International Ltd., Bolton, UK; Visits: (4) firms/institutes in the UK	(0)
Poland	Chemical finishing of non-woven textiles	University of Leeds, UK; Study tour: UK	(+)
Romania of. Petrochemical industry	Testing and analysis of textile fibres and filaments	Le Centre de Recherche et de Contrôle Laine et Chimique (OELAC), Laboratoire, Belgium; Visits: (2) firms/institutes in France	(+)
Romania ex	Technology of deluting and correcting faults in cotton and cotton-like yarns	Firma Zellweger, Uster, Switzerland; Firma Loepfe Welzikon, Switzerland	(+)

Textile Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania	Synthetic sewing and core yarns	Institut für Textil Masstechnik, Mönchengladbach, FRG; Visits: (4) firms/institutes in FRG	(+)
Romania	Textiles	Le Centre de Recherche et de Contrôle Laine et Chimique (CELAC), Belgium; Visits: FRG; France	(+)
Romania	Micro-structure of textile fibres	Institut für Textiltechnik, Reutlingen, FRG; Institut für Textil Masstechnik, Mönchengladbach, FRG; Institut für Textiltechnik der Technischen Hochschule Aachen, FRG	(+)
Romania	Methods of improving and threading synthetic textiles	Reggiani, S.p.A., Bergamo, Italy	(0)
Romania	Cotton	Centre textile de contrôle et de recherche scientifique de ROUBAIX, France	(+)
Sudan	Cotton	Murdock International Cotton School, Memphis, Tennessee, USA; Visits: USA	(-)
Thailand	Textile technology	University of Bradford, UK; Visits: UK	(-)
Thailand	Reactive systems for dyeing of a modified polypropylene fibre	University of Manchester, Dept. of Polymer and Fibre Science, UK	(+)
Uruguay	Wool textile technology	International Wool Secretariat, Technical Centre, Ilkley, Yorkshire, UK	(+)

Food Industry

Home country	Field of study	Training facility	Evaluation
Afghanistan	Food processing	Ohio State University, Ohio, USA; Visits: USA	(+)
Algeria	Cereals milling technology	L'Escole de l'Education Nationale, Paris, France	(+)
Argentina	Food technology	Curso de Alta Especialización en Tecnología de Alimentos, Instituto de Agroquímica y Tecnología de Alimentos, Valencia, Spain; Visits: Spain	(0)
Argentina	Food technology	Study tour: France; The Netherlands; Spain	(+)
Argentina	Bacterial spoilage of vacuum packed beef	Eastern School in Agricultural Science, University of Nottingham, UK	(+)
Argentina	Food preservation and packaging	Study tour: Austria; Denmark; FRG; Italy; The Netherlands; Spain; UK; USA	(+)
Argentina	Food technology and dairy science	National Institute for Dairy Research, Shinfield, Reading, UK	(+)
Argentina	Food technology	Instituto de Agroquímica y Tecnología de Alimentos, Valencia, Spain	(+)
Bulgaria	Fruit juice	Société SO.CO.MA, Marmande-lot et Garonne, France; Société IPA Pampril, Vernon, France; Société Pampril, Joigny, France; Etablissement G. Pépin Fils Aîné, Bordeaux, France; Société du Filtre "Casquet", Bordeaux, France; Société SPECHIN, Paris, France	(+)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Biscuit and wafers	Palat d'Or, Bovolone, Italy; Povesi, Novara, Italy	(+)
Bulgaria	Enzyme production	Institut National des Sciences Appliqués, France; Stage effectué, Laboratoire de Génie Biochimique, France	(+)
Bulgaria	Meat processing industry	Study tour: Belgium; France; USA	(+)
Bulgaria	Chocolate manufacturing, processes and equipment	Chocolat Suchard S.A., Neuchâtel, Switzerland; Visits: (6) firms/institutes in Switzerland	(+)
Central African Republic	Cassava processing	Institut Agronomic de Campinas (IAC), Brazil; Institut de Tecnologia Alimentaire (ITAL), Brazil	(+)
Colombia	Food science and micro-biology	Food Science and Applied Microbiology Depts., University of Glasgow, UK	(+)
Colombia	Food technology	National College of Food Technology, London, UK	(+)
Colombia	Food technology	Study tour: The Netherlands; UK; USA	(+)
Colombia	Food technology	Study tour: Curacao; Israel; Martinique; Trinidad and Tobago	(+)
Czechoslovakia 2x	Technology of food industry engineering	International Agricultural Centre, Wageningen, The Netherlands; Visits: The Netherlands	(+)
Egypt	Food industry quality control	Study tours: (5) The Netherlands; (3) UK	(+)
Egypt	Biscuit production	MacFarland Lang Factory, UK	(0)

Food Industry (c nt'd)

Home country	Field of study	Training facility	Evaluation
Egypt	Food industry - quality control	Study tours: (4) The Netherlands; (3) UK	(+)
Egypt 2x	Fermentation in the food industry	Adolpho Lutz Instituto, Sao Paulo, Brazil	(-)
Egypt	Cotton oil extraction	Faculty of Technology, University of Novisad, Yugoslavia; Visits: Yugoslavia	(+)
Egypt	Cotton oil extraction	Faculty of Technology, University of Novisad, Yugoslavia; Visits: Yugoslavia	(0)
Ethiopia 2x	Meat processing	International Agricultural Centre, Wageningen, The Netherlands	(+)
India	Fruit and vegetables	CSIRO, Food Research Laboratory, Sydney, Australia; Ohio State University, Division of Food Technology, USA; Visits: (16) Australia; (9) USA	(+)
India	Citrus fruits - processing	Study tours: (14) Italy; (5) USA	(+)
Indonesia	Food processing	DOMO Melkprodukten-bedrijven, Beilen, The Netherlands	(+)
Israel	Factors influencing heat transfer during refrigeration of fresh fruits	Spenger Institut, Wageningen, The Netherlands; Visits: (6) France; (6) The Netherlands	(+)
Israel 2x	Post harvest handling of fruits and vegetables	Study tours: Australia; Japan	(+)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Israel	New products, trends, developments in the food industry; use of plastics in the food industry	Study tours: (3) Norway; (3) UK; (7) USA	(+)
Israel	Oil research and fruit preservation	Study tours: FRG; The Netherlands; Sweden; UK; USA	(+)
Israel	Food colloids	Massachusetts Institute of Technology, Cambridge, Mass., USA	(+)
Jordan	Food processing - quality control	United States Food and Drug Administrations; Division of Food Technology; Division of Microbiology; Division of Chemistry and Physics, USA; Visits: (29) firms/institutes in the USA	(+)
Madagascar	Biscuit production	Biscuiterie Delaore, Belgium	(0)
Madagascar	Candy making	Confiserie ANTOINE, Chocolaters Cote d'Or, Belgium; Société Pavan, Padua, Italy; Sociéte Gandola, Brescia, Italy	(+)
Madagascar	Oil technology	La Société DE SMET, Belgium; La Maison VA EFEE, Belgium; Le Centre d'Etudes et de Recherches de l'industrie, Belgium; L'Ecole Supérieure d'Application des corps gras., France	(0)
Nepal	Sugar technology	Bureau of Sugar Experiments Meringua-Bundaberg, Australia; Central Juncous, Puerto Rico; Roig Sugar Mill, Puerto Rico; Visits: Hawaii, USA	(+)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Nigeria	Microbiology - food industry	University of Strathclyde, Glasgow, UK	(+)
Paraguay	Food technology	Institute for Agricultural Chemistry and Food Technology, Valencia, Spain	(0)
Paraguay	Food technology	Institute for Agricultural Chemistry and Food Technology, Valencia, Spain; Institute for Dairy Products and Oil Derivatives, Madrid, Spain; CLESA, Madrid, Spain	(+)
Philippines	Vegetable oil processing	Anderson IBEU Co., Strongsville, Ohio, USA; Visits: USA	(+)
Philippines	Industrial fermentation	Universität Wien, Fakultät Mikrobiologie, Vienna, Austria	(+)
Philippines 2x	Industrial fermentation	Hochschule für Bodenkultur, Vienna, Austria	(+)
Poland	Investigation of peptide structures in proteins	Carlsberg Laboratory, Denmark	(+)
Romania	Automation process control in the food industry	Danfoss, Nordborg, Denmark and Offenbach (Frankfurt/Main), FRG; Firma Siemens, Erlangen, FRG	(+)
Romania	Planning and organisation in the food industry	Study tour: France	(+)
Romania	Canned food technology	Institut national pour l'amélioration des conserves de légumes (INACOL), Belgium; IHC - International Machinery Corporation, Belgium	(+)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Romania 4x	Soybean proteins and their use as food	Study tours: The Netherlands; UK; USA	(+)
Senegal	Food industry	William Saurin, Paris, France; Société d'Etudes Techniques Industrielles et Frigorifiques, Paris, France; Visits: (6) Belgium	(+)
Senegal	Cashew nut peeling industry	OLTREMARE, Bologna, Italy; SONAHOBO, Majunga, Madagascar	(+)
Singapore	Food processing	National College of Food Technology, University of Reading, UK; Tropical Products Institute, London, UK	(+)
St. Lucia	Food processing	College of Agriculture, Nottinghamshire, UK	(+)
Sudan	Oil seed industry	N.V. Speelman, Oil Factory, Rotterdam, The Netherlands; Oilfactory "De Ploeg", Maasslki, The Netherlands; The Raisio Factories, Raisio, Finland	(+)
Thailand	Industrial microbiology	Fermentation Laboratory at the Northern Regional Research Laboratory, Peoria, Illinois, USA	(+)
Thailand	Food processing	University of Reading, National College of Food Technology, UK	(0)
Thailand	Food industry - industrial research	"Meals for Millions" Foundation, Training School, Santa Monica, California, USA	(+)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Thailand	Food processing - soybeans	University of Illinois, Faculty of Food Science, Illinois, USA	(+)
Thailand	Food technology	Study tours: India; Israel; UK	(+)
Trinidad and Tobago	Food industry - quality control and testing	<p>Food Technology Laboratory of the University of Puerto Rico, Rio Piedras, Puerto Rico;</p> <p>Central Institute for Nutrition and Food Research TNO, Zeist, The Netherlands;</p> <p>Sprenger Institute for Research on Storage and Processing of Horticultural Produce, Wageningen, The Netherlands;</p> <p>Institute for Fishery Products TNO, IJmuiden, The Netherlands;</p> <p>Tropical Products Institute, In-plant group training for food technologists in the field of cereal processing, London, UK;</p> <p>National Bakery School, London, UK;</p> <p>Reckett + Colman, Norwich, Norfolk, UK;</p> <p>Visits: Puerto Rico; The Netherlands; UK</p>	(+)
Tunisia	Food cannery	<p>Compagnie Générale Française (Cogefra), France;</p> <p>Visits: France</p>	(0)

Food Industry (cont'd)

Home country	Field of study	Training facility	Evaluation
Tunisia	Sugar cannery	Zuckerfabrik Brühl, FRG; Zuckerfabrik Elsdorf, Switzerland	(0)
Yugoslavia	Meat processing, packaging, storing, distribution and retail	IRMA Meat Factory, Denmark; Visits: (7) firms/institutes in Denmark	(+)
Yugoslavia 2x	Production of kefer and cheese varieties	Cherkisky Zavod (Milk Institute), Moscow, USSR	(+)
Yugoslavia	Utilization of by-products and waste products in the fruit and vegetable industry	Societa Italiana Alimentare Dietetica e Conserviera, Jesi/Ancona, Italy	(+)
Yugoslavia	Biscuit production	Moscow Biscuit Factory, "Bol'shevik", USSR	(+)
Yugoslavia 2x	Milk fermenting products	Cherkisky Zavod (Milk Research Institute), Moscow, USSR	(+)
Zaire 2x	Food industry - research	Station d'Essais et d'Analyses du Centre d'Enseignement et de Recherche en Industries Alimentaires et Chimiques (CERIA), Brussels, Belgium; Meunerie Bruxelloise, Belgium	(+)
Zaire	Food industry - research	Centre d'Enseignement et de Recherche en Industries Alimentaires et Chimiques (CERIA), Brussels, Belgium	(+)
Zaire 2x	Food industry - industrial research	Institut des Industries de Fermentation, Institut Neurice Chimie du Centre d'Enseignement et de Recherche en Industries Alimentaires et Chimiques (CERIA), Brussels, Belgium; Visits: Belgium	(+)

Leather and Leather Products Industry

Home country	Field of study	Training facility	Evaluation
Afghanistan	Leather technology	Hoechst AG, Frankfurt, FRG; Lager AG, Leverkusen, FRG; BASF, FRG; Visits: (2) Conferences in Austria; (1) Fair in France	(+)
Argentina	Shoe production	Study tours: Austria; France; Italy; Spain; UK	(C)
Argentina	Shoe production	United Shoe Machinery, Falmouth, UK; Istituto Nazionale per l'Incremento della Produttività, Rome, Italy	(+)
Brazil	Footwear manufacturing	Deutsche Schuhfachschule, Pirmasens, FRG	(+)
Bulgaria	Shoe industry	Firma Gallus, Vierning, FRG; Visits: (10) firms/institutes in FRG	(+)
Bulgaria	Fur and leather processing	CIBA-Geigy, Switzerland	(+)
Egypt	Leather technology	Study tours: (8) firms/institutes in Italy	(+)
Egypt	Leather products	Northampton College of Technology, UK; Visits: (7) firms/institutes in the UK	(+)
Egypt	Leather technology	Leather Institute, Karlovac, Yugoslavia; Industria Chimici del Legno S.p.A., S. Michele Mondovi (Cuneo), Italy; Visits: Italy; (3) Yugoslavia	(+)
Hungary	Leather chemistry and processing	Technische Hochschule Aachen, FRG	(+)

Leather and Leather Products Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Hungary	Leather industry	Salco Industrie Chimiche S.p.A., Milan, Italy; Montecatini Edison S.p.A., Aziende Colori Nazionali Affini Centro Applicazione Coloranti Pigmenti Ausiliari, Cesano Maderno, Italy	(+)
India	Leather goods	Imperial Chemical Industries Ltd., Hyde, UK; Cordwainers Technical College, London, UK	(0) (+)
India	Leather Processing	National Leather Sellers College, London, UK; Visits: (2) Austria; (3) FRG; (1) Spain; (1) Switzerland; (9) UK	(+)
India	Leather processing	National Leather Sellers College, London, UK; Visits: (1) Austria; (7) UK	(+)
Libyan Arab Republic	Tannery technology	Université de Lyon, France; Ecole française de tannerie, France	(+)
Malaysia	Leather processing	26th SSIM-Course, Delft, The Netherlands	(+)
Mongolia	Leather and leather products	Research Institute for Leather and Footwear Industry at Gottwaldov-Otrokovice, Czechoslovakia; Leather Industries Institute, Lodz, Poland; Central Research Institute for the Leather and Footwear Industry, Moscow, USSR	(+)

Leather and Leather Products Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Mongolia	Leather goods manufacturing technology	Leather Fancy Goods Industry, Kredic Krakov, Czechoslovakia; Clothing Research Institute, Prostyan, Czechoslovakia; Leather Industries Institute, Lodz, Poland; Central Laboratory for the Clothing Industry, Lodz, Poland; Central Research Institute for the Leather and Footwear Industry, Moscow, USSR; Central Research Institute for the Sewing Industry, USSR	(+)
Mongolia	Leather industry	Research Institute for the Leather and Footwear Industry at Gottwaldov-Otrokovice, Czechoslovakia; SVIT Footwear Plants, Czechoslovakia; Research Institute for the Leather and Footwear Industry, Budapest, Hungary; Central Laboratory of the Footwear Industry, Lodz, Poland; Leather Industries Institute, Lodz, Poland; Central Design Office for Light Industry, Warsaw, Poland; Central Research Institute for the Leather and Footwear Industry, Moscow, USSR	(+)
Mongolia	Modern laboratory techniques for testing hides, skins and pelts	Research Institute for the Leather and Footwear Industry, Gottwaldov-Otrokovice, Czechoslovakia; Leather Industries Institute, Lodz, Poland; Central Research Institute for the Leather and Footwear Industry, Moscow, USSR	(+)

Leather and Leather Products Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Mongolia	Design, manufacture and making up of leather fancy goods and clothing	Leather Industries Institute, Lodz, Poland; Central Laboratory for the Clothing Industry, Lodz, Poland; Co-operative enterprises for the production of leather fancy goods, Krakow, Poland; Fur Factory, Bielski Zywico, Poland; Research Institute for the Leather Fancy Goods Industry, Kradec Krakow, Czechoslovakia; Central Research Institute for the Leather and Footwear Industry, Moscow, USSR; Central Research Institute for the Sewing Industry, Moscow, USSR	(+)
Paraguay	Leather	Centro de Investigación de Tecnología del Cuero (CITEC), La Plata, Argentina; Escuela Nacional Superior de Toneria (ENST), Igualada, Spain	(+)
Philippines	Shoe making	Study tours: Czechoslovakia; Italy; USA	(0)
Poland	Leather industry proteolytic enzymes of micro-organic origin	British Leather Manufacturers' Research Association, Milton Park, Surrey, UK	(+)
Poland	Leather industry machinery	Machine Factory INCOMA, Thieve, Italy; Turner Machinery Ltd., Bramley/Leeds, UK; British Unity Shoe Machinery Co. Ltd., Leichestor, UK; Visits: (9) Italy; (10) UK	(+)
Poland	Complex compounds in mineral tanning	Institute for Leather and Shoe Research TNO, Naalwijk, The Netherlands	

Leather and Leather Products Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Investigation of hydro-phobic substances for treatment of leather	Institute for Leather and Shoe Research TNO, Naalwijk, The Netherlands	(+)
Rwanda	Leather tanning	Ecole Française de tannerie, France	(0)
Togo	Tanning	Institut National du Cuir et du Textile des Fes, Morocco	(+)
Uruguay	Leather technology	G.H. Pfaff AG, Kaiserslautern, FRG	(+)
Uruguay	Quality control of leather and leather products	Centre Technique du Cuir, Lyon, France; Instituto Tecnológico Química y Textil, Departamento Curtidos, Barcelona, Spain	(+)

Printing and Graphics Industry

Home country	Field of study	Training facility	Evaluation
Hungary	Letterpress printing	Höhere Graphische Bundeslehr- und Versuchsanstalt, Vienna, Austria	(+)
Senegal	Printing	L'Imprimerie Bernadat, Paris, France; Firma Coebel, Darmstadt, FRG	(+)

Environment

Home country	Field of study	Training facility	Evaluation
Argentina	Acoustics	Acoustical Laboratory, University of Liverpool, UK; Visits: (1) Czechoslovakia; (3) Denmark; (3) FRG; (2) France; (1) The Netherlands	(+)
Poland of. Trans- portation Equipment Industries	Measurement of stresses and vibrations of automobile parts and noise measurement	FORD Werke, Cologne, FRG; Carl Schenk Maschinenfabrik GmbH, Darmstadt, FRG; Hottinger Baldwin Messtechnik GmbH, Darmstadt, FRG	(0)
Poland of. Chemical Industry	Problems of water pollution and waste measurement	EAMAG, Dübendorf, Switzerland	(+)
Poland	Measurement of pollution levels	Study tour: (19) firms/institutes in France	(+)
Poland of. Chemical Industry	Collagen-water arrangement	Laboratory of Physical Chemistry, University of Groningen, The Netherlands	(+)
Yugoslavia of. Pulp and Paper	Treatment of waste water from pulp and paper mills	Cellulose Fabrik ALTISHOLZ, Luterbach, Switzerland	(+)

Packaging

Home country	Field of study	Training facility	Evaluation
Bulgaria	Corrugated and fibre board packages - design, testing and production technology	Packaging Division, Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK	(+)
Bulgaria	Packaging techniques	Centre for Scientific and Laboratory Research, Waiblingen, FRG; Central Laboratories of the Bosch Group, FRG; Höflinger + Karg, FRG; Centre Automatique Modern, Bologna, Italy; Centre International for Services and Organization for Automatic Machines, Bologna, Italy; SM - Automatic Machines, Bologna, Italy; Italian Packaging Institute, Padova, Italy; Visits: (2) FRG; (2) Italy	(+)
Bulgaria	Packaging machines and equipment	Firma Hamco - Höller GmbH, Viernsen and Bergisch-Gladbach, FRG Visits: (13) firms/institutes in FRG	(+)
Bulgaria	Packaging	L'Institut Belge de l'Emballage, Brussels, Belgium; Centre Belge d'Etudes de la Corrosion, Brussels, Belgium; Visits: Belgium	(+)
Bulgaria	Packaging - information reviews	Study tour: (15) firms/institutes in the UK	(+)
Bulgaria	Plastics for foodstuffs packaging	Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK	(+)

Packaging (cont'd)

Home country	Field of study	Training facility	Evaluation
Bulgaria	Packaging of food products	Norwegian Food Research Institute, Norway; Norwegian Agricultural Institute for Research in Food Packaging, Norway; Visits: (7) firms/institutes in UK	(+)
Bulgaria	Packaging	Study tour: (1) FRG; (2) The Netherlands; (5) Sweden	(+)
Bulgaria	Plastic films for packaging	Manchester Institute of Science and Technology, Polymer and Fibres Dept., UK	(+)
Bulgaria	Aerosol packaging	Institut Belge de l'Emballage, Brussels, Belgium; L'Association Belge des Aerosols, Brussels, Belgium; Usine de Sobem Lind, Belgium; Usine de Verleco, Momignie, Belgium; Packaging Institute TNO, The Netherlands	(+)
Bulgaria	Packaging design	Study tour: (17) firms/institutes in FRG	(+)
Bulgaria	Packaging - economic aspects	Société d'économie et de mathématiques appliquées, Paris, France	(+)
Hong Kong	Packaging	Research Association of the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Packaging Institute TNO, The Netherlands; Danish Packaging Research Institute, Denmark; General Foods Corporation, USA	(+)

Paackaging (cont'd)

Home country	Field of study	Training facility	Evaluation
Hong Kong 2x	Packaging - testing	Research Association of the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Packaging Institute TNO, The Netherlands; Danish Packaging Institute, Denmark	(+)
Hungary	Packaging of canned goods	Haustrups Fabriker, Denmark	(+)
Iraq	Packaging techniques	Study tours: (16) firms. institutes in Canada; (2) seminars and (7) firms/institutes in the USA	(+)
Israel	Chemical inter- actions between packaging materials and food	Centre National de l'Emballage et du Conditionnement (CNEC), Laboratoire Général pour l'Emballage, Trappes, France	(+)
Mexico	Packaging techniques	University of Sussex, Institute of Packaging, UK; Centre National de l'Emballage et du Conditionnement, Trappes, France; Danish Packaging Institute, Denmark; Packaging Institute TNO, The Netherlands	(+)
Mexico	Packaging techniques	Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Centre National de l'Emballage et du Conditionnement, Trappes, France; Danish Packaging Institute, Denmark; Packaging Institute TNO, The Netherlands	(+)

Packaging (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Horizontal and vertical packaging systems using flexible films	The Research Association for the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Visits: (7) firms/institutes in the UK	(+)
Poland	Packages of foamed polystyrene	Reifenhäuser KG, Troisdorf/Cologne, FRG; E. Lendle + Co., Taunusstein, FRG; Visits: (4) firms/institutes in FRG	(+)
Poland	Packaging machines and searching apparatus	Höflinger + Karg Verpackungsmaschinen, Mühlhingen, FRG	(+)
Poland	Packaging - assessment of mechanical hazards in transport	Beratungs- und Forschungsstelle für Seemässige Verpackung FV (BFS), Institut für Export-Verpackung, Hamburg, FRG	(+)
Poland	Planning and programming in the packaging field	"4-P" Verpackungen GmbH, Kempten/Allgäu, FRG; Mauser Werke, Cologne, FRG	(+)
Poland	Production and application of polyolefines packaging films	Research Association of the Paper and Board, Printing and Packaging Industries (PIRA), Leatherhead, Surrey, UK; Rose Forgove Ltd., Leeds, UK; ICI, Plastics Division, Welwyn Garden City, UK; Visits: (4) firms/institutes in the UK	(+)
Poland	Methods of increasing resistance of corrugated fibreboard	Schelling Interwell GmbH, Vienna, Austria; Nettingedorfer Papierfabrik, Nettingendorf, Austria	(+)

Industrial Design

Home country	Field of study	Training facility	Evaluation
Argentina	Industrial design	Institut Belge pour le développement de l'industrial design, Belgium; Visits: Belgium; UK	(+)
Argentina	Industrial design	Council of Industrial Design, London, UK; Visits: Belgium; UK	(+)
Argentina	Industrial design	Hochschule für Gestaltung, Ulm, FRG; Seminar of International Council of Societies of Industrial Design, Bruges, Belgium; Visits: (3) UK	(+)
Egypt	Product design and development	J. Schaberger and Co., FRG	(+)
India	Advanced design in industrial structure and machine foundation	University of Illinois, Urbana, Illinois, USA; Visits: USA	(+)
India	Industrial design and production	British Domestic Appliances Factory, Peterborough, UK; General Steel Ware Ltd., London, UK; National Research Council, Ottawa, Canada; Canadian Westinghouse Factory, Hamilton, Canada; Pure Metal Tinning and Refining Co., Toronto, Canada; Design Advisers Office, Ottawa, Canada	(+)
Nepal	Industrial building design	Study tour: Denmark; Sweden; UK	(+)
Poland	Design problems of modern store buildings	Hewitt-Robins, Amsterdam, The Netherlands	(+)

Industrial Design (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Process equipment, design and operation	University of Michigan, Ann Arbor, Michigan, USA	(+)
Thailand	Industrial design engineering	Council of Industrial Design, London, UK; Danish Society of Industrial Design, Denmark; Rat für Formgebung, Darmstadt, FRG; Visits: Denmark; FRG; UK	(+)
Uruguay	Industrial design	Study tour: Austria; Italy; UK	(+)
Uruguay	Industrial design	ICSID Congress, Kyoto, Japan; Visits: (2) firms/institutes in Japan	(+)
Singapore	Industrial design - (electric typewriters, computer machines, office furniture)	Design Studios, Olivetti, Milan, Italy	(+)

Industrial Construction

Home country	Field of study	Training facility	Evaluation
Argentina	Construction technology	University of Seville, Spain	(+)
Argentina	Construction technology	Eduardo Terroja Institute for Construction and Cement Industries, Spain	(+)
Argentina	Productivity in the construction industry	Israel Institute of Technology (TECHNION), Haifa; Visits: (12) Israel; (16) The Netherlands; (10) UK	(+)
Argentina	Productivity in the construction industry	Building Research Station, Haifa, Israel; Building Centre of Israel, Tel Aviv, Israel; Building Research Establishment, UK; CBC - Byggesadministration, Kokkedal, Denmark; Visits: (4) firms/institutes in the Netherlands	(+)
Hungary	Light metal construction system (prefabrication)	Study tour: (100) firms/institutes in Italy	(+)

Industrial Research

Home country	Field of study	Training facility	Evaluation
Israel	Research administration	Study tours: Austria; Denmark; The Netherlands; Sweden; USA	(0)
Israel	Research laboratory construction	Study tours: FRG; Switzerland; W.	(+)
Israel	Industrial research	Ohio State University, Columbus, Ohio, USA	(+)
Peru	Technological research	Mexican Institute for Technological Research, Mexico City, Mexico; Institute for Technological Research, Bogota, Colombia	(+)

Standardization and Quality Control

Home country	Field of study	Training facility	Evaluation
Chile	Finished products testing	Production Engineering Research Association (PERA), Leicester, UK; Cranfield College of Technology, UK.	(+)
		Hanel Hempstead Ltd., UK; Lucas and Hoover, Ltd., UK; Visits: USA	(-)
Egypt	Quality control techniques of safety matches	SAFFA, Italy	(+)
Ghana	Standards (building and civil engineering materials)	British Standards Institute, London, UK; International Organization for Standardization (ISO), Geneva, Switzerland	(0)
Hong Kong	Electrical testing and research facilities	Study tour: Canada; FRG; Italy, USA	(+)
Hong Kong	Chemical testing	Melbourne University, Analytical Laboratory, Melbourne, Australia; Rubber Research Institute of Malaysia, Malaysia; Visits: (4) firms/institutes in Australia	(+)
India	Standardisation and quality control	Study tour: The Netherlands; UK; USA	(+)
Israel	Fibre testing instrumentation and photography	Study tour: Austria; France; Italy; UK	(+)
Malaysia	Physical testing of materials and manufactured goods	Study tour: (15) firms/institutes in Australia	(+)

Standardization and Quality Control
(cont'd)

Home country	Field of study	Training facility	Evaluation
Nigeria	Establishing a library and technical information centre of standards	International Organisation for Standardisation (ISO), Geneva, Switzerland; Deutscher Normausschuss, Berlin, FRG; Association Française de Normalisation (AFNOR), France; British Standards Institute, UK	(+) (0)
of. Information			
Singapore	Testing	United States National Bureau of Standards, Washington, D.C.; Instrumentation Systems Center, University of Wisconsin, Madison, Wisconsin, USA; Visits: (9) firms/institutes in the USA	(0) (+)
Sri Lanka	Standardisation and quality control	Standards Association of Australia, New South Wales and Victoria, Australia	(0)
Sudan	Specification and standardisation	9th International Course for Industrial Quality Instructors, The Netherlands	(0) (+)
Vietnam, Rep. of	Industrial standardisation and quality control	Le service Belge de la métrologie, Belgium; Institut Belge de normalisation, Belgium; Le Comité électrotechnique, Belgium; Association Française pour le contrôle industriel de la qualité, France; Association des cadres de normalisation, France	(0) (+)

Metrology

Home country	Field of study	Training facility	Evaluation
Afghanistan	Metrology	Bureau régional métrologique, Grenoble, France; Ecole Supérieure de Métrologie, Paris, France	(0)
Afghanistan	Metrology	Bureau régional des instruments de mesure, Bordeaux, France; Bureau régional des instruments de mesure, Lille, France; Bureau régional des instruments de mesure, Toulouse, France; Ecole Supérieure de Métrologie, Paris, France	(+)
Afghanistan	Metrology	Bureau régional des instruments de mesure, Bordeaux, France; Ecole Supérieure de Métrologie, Paris, France	(+)
Pakistan	Calibration of equipment	Study tour: Canada, UK; USA	(+)
Romania	Industrial metrology	L'Ecole Polytechnique de Lausanne, Switzerland; La Société Genevoise d'Instruments de Précision, Switzerland; Institut de Métrologie, "C. Colonnetti de Turin", Italy	(+)
Sri Lanka	Metrology	Study tour: France; UK	(0)
Thailand	Instrument calibration	Metrology Centre, UK; National Physical Laboratory, UK; Ministry of Technology, UK; British Scientific Instrument Research Association (BSIRA), Kent, UK	

Licensing and Patents

Home country	Field of study	Training facility	Evaluation
Argentina	Patents	Study tours: (1) symposium USSR; (1) UK	(+)
Ecuador	Industrial legislation, patents and licensing	Registro Nacional de Transferencia de Tecnología de Mexico; Registro Nacional y Publicado por Instituto Nacional de Tecnología Industrial Argentina, Argentina	(0)
Israel	Patents - general research planning	George Washington University, Washington D C., USA; United States Patent Office Academy, USA	(0)

Industrial Information and Documentation

Home country	Field of study	Training facility	Evaluation
Argentina	Industrial documentation	Information and Documentation Centre "Juan de la Cierva", Madrid, Spain	(+)
Chile	Industrial information and documentation	Instituto de Pesquisas Tecnológicas de São Paulo, Brazil; Instituto Brasileiro de Bibliografia e Documentação (IBBD), Guanabara, Brazil; Centro de Informacao Tecnológica (CIT) do Instituto Nacional de Tecnologia, Guanabara, Brazil	(+)
Chile	Industrial information	UNIDO Information Section, Vienna, Austria; Austrian Productivity Centre, Vienna, Austria; Visits: (7) Austria; (4) France	(+)
Chile 2x	Development of national information facilities for industry	Technical Information Service of the National Research Council of Canada, Ottawa, Canada	(+)
Argentina	Industrial information reproduction systems	Instituto de Investigaciones Científicas y Técnicas, Centro de Información y Documentación "Juan de la Cierva", Madrid, Spain	(+)
Cuba	Documentation	Instituto de Investigaciones Científicas y Técnicas, Centro de Información y Documentación "Juan de la Cierva", Madrid, Spain	(+)
Bouader	Methods of micro-filing documents	Instituto Mexicano de Comercio Exterior, Mexico	(+)

Industrial Information and Documentation (cont'd)

Home country	Field of study	Training facility	Evaluation
Ecuador	Industrial information and documentation	<p>Centro de Investigación y Promoción de Exportaciones (CIPE), Barcelona, Spain;</p> <p>International Centre of Commerce, Switzerland;</p> <p>Feria Internacional de Milan, Italy;</p> <p>Centre of Information and Documentation of the Fundación Bordini, Rome, Italy;</p> <p>Banca de Italia, Rome, Italy;</p> <p>Information Centre of Fiat, Turin, Italy</p>	(+)
Egypt	Industrial information	<p>ASLIE, London, UK;</p> <p>Dept. of Planning and Transportation, London, UK;</p> <p>Ministry of Public Buildings and Works, London, UK;</p> <p>Ministry of Technology, UK;</p> <p>ICI, UK</p>	(0)
Egypt	Technique of compiling, analysing and exchanging technological information	Study tour: Sweden	(+)
Haiti	Administration of industrial information services	<p>L'Institut National de Statistique (INS), Brussels, Belgium;</p> <p>Le Bureau du Plan, Brussels, Belgium;</p> <p>Centre d'Information Economique (CIE), Brussels, Belgium</p>	(+)
Haiti	Industrial information systems	<p>Centre d'Information Economique (CIE), Brussels, Belgium;</p> <p>L'Institut National de Statistique (INS), Brussels, Belgium</p>	(+)
Hong Kong	Technical information services	Study tour: Canada; Denmark; UK	(+)

Industrial Information and Documentation (cont'd)

Home country	Field of study	Training facility	Evaluation
India	Industrial information services for small-scale industries	Study tours: Austria; Denmark; France; Hungary; Italy	(+)
Malaysia	Industrial documentation and library	UNIDO Information Section, Vienna, Austria; Austrian Productivity Centre, Vienna, Austria; Library of the Building Research Station, UK; Tropical Products Institute, London, UK; Technical University, Library, Delft, The Netherlands; EVD Library, The Hague, The Netherlands; Nederlandse Organisatie voor Chemische Informatie, The Netherlands; INSDOC, New Delhi, India	(+)
Nigeria	Establishment of library and technical information centre for standards	International Organisation for Standardization (ISO), Geneva, Switzerland; Deutscher Normausschuss, Berlin, FRG; Association Française de Normalisation (AFNOR), France; British Standards Institute, UK	(+)
Sudan	Industrial information	Study tours: Denmark; FRG; Hungary; The Netherlands; UNIDO, Austria	(+)

Management Techniques

Home country	Field of study	Training facility	Evaluation
Algeria	Industrial organization and management	Institut d'Études supérieures des techniques d'organisation (IESTO), Paris, France	(0)
Bolivia	Management and accounting	Universidad de Navarra, Barcelona, Spain	(+)
Bolivia	Industrial production, marketing and processing	Instituto de Estudios Superiores de Empresa de Barcelona, Spain	(+)
cf. Marketing:			
Colombia	Industrial engineering	Stanford University, California, USA	(0)
Egypt	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(-)
Egypt	Production engineering	CHIORDA, Italy	(0)
Egypt	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(+)
Egypt	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Guinea	Industrial management	SORCA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(+)
Hungary	Organization and mechanisation of materials handling	Osterreichisches Produktivitätszentrum, Vienna, Austria; Visits: Austria	(0)

Management techniques (cont'd)

Home country	Field of study	Training facility	Evaluation
India	Management techniques	Participation at 10th International Summer course for Industrialization (RUCIFF), The Hague, The Netherlands; Statens Teknologiske Institut, Oslo, Norway; E-Group Training at the University of Leeds, UK	(+)
India	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Indonesia	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Jordan	Industrial engineering	Centre for Management and Industrial Development (CBO), Rotterdam, The Netherlands	(+)
Jordan	Industrial engineering	Centre for Management and Industrial Development (CBO), Rotterdam, The Netherlands; Granfield School of Management, Bedford, UK	(+)
Jordan	Management of industrial establishments and institutions	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Korea, Rep. of	Management techniques	Research Institute for Management Science (RVB), Delft, The Netherlands	(+)
Korea, Rep. of	Industrial engineering	Research Institute for Management Science (RVB), Delft, The Netherlands	(+)
Leop	Industrial management	SORCA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(0)

Management Techniques (cont'd)

Home country	Field of study	Training facility	Evaluation
Madagascar	Industrial management	Société nouvelle des huileries de tular, Belgium	(0)
Malawi	Management of industrial and agro-industrial development	Arthur D. Little Management Education Institute, Cambridge, Mass., USA	(-)
Malawi	Management of industrial and agro-industrial development	Arthur D. Little Management Education Institute, Cambridge, Mass., USA	(-)
Malawi	Industrial management	Participation at 7th Agro-industrial Development Training Program, Cambridge, Mass., USA	(-)
Mali	Industrial management	Study tour: Belgium	(+)
Nepal	Management techniques	Research Institute for Management Science (RMB), Delft, The Netherlands	(-)
Nigeria	Management techniques	Arthur D. Little Management Education Institute, Cambridge, Mass., USA	(-)
Nigeria	Production management and control of industrial processing	Coventry Technical College, UK	(+)
Poland	Corporate planning	Study tour: (17) UK	(-)
Poland	Electronic data processing system design	Hamburger Hafen- und Lagerhaus AG, Hamburg, FRG; Bremer Lagerhaus Gesellschaft, Bremen Überseehafen, FRG; Date-Rechenzentrum, Bremen, FRG; Bake Bak Brauerei AG, Bremen, FRG	(+)

Management Techniques (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Integrated management information systems	International Business Machines (IBM), Amsterdam, The Netherlands	(+)
Poland	Software development for integrated management information systems	Georgia Institute of Technology, Atlanta, Georgia, USA	(-)
Poland	Production organization	Bureau d'ingénieurs conseils Gombert, Brussels, Belgium	(+)
Poland	Design of information services and management information systems	Centre d'études pratiques d'information et d'automatique (CEPIA), France; Rhone Progil, Neuilly-sur-Seine, France; Visits: (4) firms/institutes in France	(+)
Senegal	Industrial management and organization	Institut économique et social des classes moyennes, Brussels, Belgium	(+)
Sierra Leone	Management development	Participation in the Palermo International Management Development Seminar, Palermo, Italy	(0)
Sri Lanka	Management techniques	Production Engineering Research Association (PERA), UK	(+)
Sudan	Industrial cost accounting	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Sudan	Advanced industrial management	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Sudan 2x	Industrial engineering	Research Institute for Management Science (RVS), Delft, The Netherlands	(0)

Management Techniques (cont'd)

Home country	Field of study	Training facility	Evaluation
Tanzania	Industrial engineering	Pakistan Industrial Technical Assistance Centre (FITAC), Lahore, Pakistan	(+)
Tanzania	Industrial management	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Turkey	Industrial management and organization	International Management Council, Pittsburgh, Penn., USA	(+)
Turkey	Industrial engineering	Dt. Spinnerei Maschinenbau, Ingolstadt, FRG; W. Schlafherst and Co., FRG; Gebrüder Sucker, FRG; A. Monforts, FRG; J. Kleinewefers, FRG; B. Thies, FRG	(+)
Turkey	Operational research	University of New York, USA	(+)
Turkey	Industrial cost accounting	Dapol Plastics Inc., Worcester, Mass., USA	(0)
Turkey	Industrial engineering	Institute of Social Studies, The Hague, The Netherlands	(+)
Turkey	Industrial engineering	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Turkey	Industrial engineering	Study tour: Finland; Italy; Norway; Sweden; UK	(+)
Yugoslavia	Organisation and management of industrial enterprises	Study tour: USSR	(0)

Management Techniques (cont'd)

Home country	Field of study	Training facility	Evaluation
Yugoslavia	Advanced management techniques	Graduate School of Business Administration, Harvard University, Mass., USA	(+)
Venezuela	Management of a mechanical plant	Bedaux Hispanica, Spain; Tecnicos Especialistas Asociados (TEA), Spain; Escuela de Organización Industrial, Spain; Asociación para el Progreso de la Dirección, Spain; Visits: Spain	(+)

Management Consultancy

Home country	Field of study	Training facility	Evaluation
India	Management training and consultancy	Study tours: Denmark	(0)
India	Management training and consultancy	International Management Council, Pittsburgh, Penn., USA; Graduate School of Industrial Administration, Carnegie Mellon University, Pittsburgh, Penn., USA; University of Pittsburgh, Penn., USA	(+)
Philippines	Industrial management and consultancy services	Institute of Management Research, University of Pisa, Italy; Institute of Automatic Control, University of Rome, Italy; Visits: Italy	(+)
Yugoslavia	Management consultancy	International Management Consultants Ltd., London, UK	(+)
Yugoslavia	Management consultancy	Advanced Management Program, Graduate School of Business Administration, Harvard University, Mass., USA; Visits: USA	(+)

Marketing

Home country	Field of study	Training facility	Evaluation
Bolivia of. Management techniques	Industrial production, marketing and processing	Instituto de Estudios Superiores de Empresa en Barcelona, Spain	(+)
Bulgaria	Marketing research - preparation of prognosis	University of Bradford, UK	(0)
India	Trade promotion and marketing	International Marketing Institute, Cambridge, Mass., USA; Gallup Poll, London, UK; Produce Studies Ltd., London, UK	(+)
India	Marketing of industrially manufactured products	Thames Polytechnic, London, UK; Visits: Austria; Switzerland	(+)
India ^{1/} 3x	Marketing and export promotion	Thames Polytechnic, London, UK	(0)
India ^{1/} 10x	Marketing and export promotion	Thames Polytechnic, London, UK	(+)
India ^{1/}	Marketing and export promotion	Thames Polytechnic, London, UK	(-)
Indonesia	Marketing of the "monotray"	B.V. Dancor, Amersfoort, The Netherlands; Research Institute for Management Science (RVS), Delft, The Netherlands; Visits: (6) firms/institutes in the Netherlands	(+)

^{1/} One fellowship group training programme

Marketing (cont'd)

Home country	Field of study	Training facility	Evaluation
Poland	Marketing	University of Bradford, UK	(+)
Thailand	Marketing research	University of New South Wales, "Unisearch", Australia; Visits: (1) firm in Australia	(+)
Tunisia	Marketing	SORCA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(0)
Tunisia	Industrial distribution	CECOS (Centre d'études de gestion et d'organisation scientifique), Seminar on Marketing Channels for Industrial Products, France	(-)
Tunisia	Industrial distribution	CECOS (Centre d'études de gestion et d'organisation scientifique), Seminar on Marketing Channels for Industrial Products, Paris, France	(0)

Promotion of and Assistance to Small-scale Industry

Home country	Field of study	Training facility	Evaluation
Barundi	Promotion of small-scale industry	Bureau d'ingénieurs conseils Gombert, Brussels, Belgium; Höchst, Brussels, Belgium; Entreprise Gallic, Tirlemont, France	(+)
Central African Republic	Administration of small-scale industries	International Centre for Advanced Technical and Vocational Training, Turin, Italy	(0)
Cyprus	Small-scale industries	Research Institute for Management Science (RVS), Delft, The Netherlands	(-)
Ecuador	Small-scale industries	Research Institute for Management Science (RVS), Delft, The Netherlands	(0)
El Salvador	Small-scale industries	Technical Co-operation Service, Santiago, Chile	(+)
Gabon	Organisation and management of small-scale industries	Bureau d'ingénieurs conseils Gombert, Brussels, Belgium	(+)
Guyana	Small-scale industries	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
India	Small-scale industries in least developed regional areas	Cassa per il Mezzogiorno, Italy; Institute for Assistance in Development of Southern Italy (IASMI), Italy; Government Agency for Handicraft and Small Industries (ENAPI), Italy; Italian Institute of Foreign Trade (ICE), Italy	(+)
India	Testing and quality control in mechanical engineering in small-scale industries	Nederlandse Vereniging voor Fijnmechanische Techniek, Utrecht, The Netherlands; Visits: (23) firms/institutes in the Netherlands	(+)

Promotion of and Assistance to Small-scale Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Papua New Guinea 2x	Promotion of small-scale industries	Study tours: India; Kenya; Tanzania; Zambia	(+)
Philippines	Small-scale industries	Study tours: India; Japan	(0)
Saudi Arabia	Mechanical engineering in small-scale industries	Deutsche Industriewerke Gesellschaft (DIAG), FRG	(+)
Senegal	Small-scale industries - project planning and evaluation	SONEPI (Société nationale d'études et de promotion industrielle, Belgium	(0)
Senegal	Small-scale industries	SONEA S.A. (Société de recherche opérationnelle appliquée), Brussels, Belgium	(-)
Sudan	Small-scale industries - management	Research Institute for Management Science (RVB), Delft, The Netherlands	(0)
Sudan	Small-scale industries	Research Institute for Management Science (RVB), Delft, The Netherlands	(+)
Sudan 4x	Small-scale industries	Research Institute for Management Science (RVB), Delft, The Netherlands; N.V. van Aarsen, Limburg, The Netherlands	(+)
Tanzania	Small-scale industries	Research Institute for Management Science (RVB), Delft, The Netherlands	(+)
Togo	Small-scale industries - productivity service	SONEPI, Dakar, Senegal	(+)

Promotion of and Assistance to Small-scale Industry
(cont'd)

Home country	Field of study	Training facility	Evaluation
Trinidad and Tobago	Policy planning and organization for development of small-scale industries	Small Industries Extension Training Institute (SIET), Hyderabad, India Group Training Course in Smaller Enterprise Development and Management, India	(+)
Trinidad and Tobago	Small-scale industries - management	Research Institute for Management Sciences (RIMS), Delft, The Netherlands Visits: Denmark; India	(+)
Trinidad and Tobago	Industrial engineering - planning and development of small-scale industries	Stanford University, California, USA	(+)
Turkey	Small-scale industry development	Institute for Marketing, London, UK	(+)
Turkey	Small-scale industry development	Small Industry Extension Training Institute (SIET), Hyderabad, India Project Planning Centre, University of Bradford, UK; Visits: (2) firms/institutes in Austria	(+)
Turkey	Production engineering in small-scale industries	Carl Duisberg Gesellschaft - Seminar on Production Management, FRG; Visits: (6) FRG; UK	(+)
Zambia	Small-scale industries - management and marketing	Bedriftsøkonomisk Institutt, Norway; Oslo School of Business Administration, Norway	(-)

Industrial Estates

Home country	Field of study	Training facilities	Evaluation
Argentina	Planning and installation of industrial estates	Impianti, Genoa, Italy; Cassa per il Mezzogiorno, Italy; Greater London Council, London, UK; J.S. Alkins, London, UK	(0)
Brazil	Industrial zones and industrial estates	Cassa per il Mezzogiorno, Italy; Visits: (3) Italy; (3) Spain	(+)
Brazil	Industrial estates	Study tours: Austria; Italy; Spain	(+)
Brazil	Industrial estates	Puerto Rico Industrial Development Company, Puerto Rico; Shannon Free Airport Development Company Ltd., Ireland; Industrial Development Authority (IDA), Ireland	(0)
Burundi	Industrial estates	L'Ecole de Cadres de Lausanne, Switzerland	(+)
Ecuador 2x	Industrial estates	Study tours: Colombia; Costa Rica; Dominican Republic; Mexico; Venezuela	(+)
Greece	Industrial estates	SCET International, France; Visits: France	(+)
Indonesia	Industrial estates	English Industrial Estates Corporation, UK	(0)
Iran	Industrial estates	Shannon Free Airport Development Company Ltd., Ireland; Team Valley Industrial Estate, UK; Aycliffe Industrial Estate, UK; Glasgow Industrial Estate, UK; Hillend Industrial Estate, UK; Livingston New Town Industrial Estate, Glenrothes, UK	(0)

Industrial Estates (cont'd)

Home country	Field of study	Training facility	Evaluation
Ivory Coast	Industrial estates - management	IRECA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(+)
Madagascar	Industrial estates - organisation and management	Atelier Brigue Lombin, Lobbes, Belgium; Anciennes Usines Welfars, Brussels, Belgium; Smit Sculpture, Brussels, Belgium; Electro-Machine, La Ville d'Anvers, Belgium	(0)
Saudi Arabia	Industrial estates	Research Institute for Management Science (RIMS), Delft, The Netherlands; Visits: Austria; Ireland; UK	(+)
Turkey	Industrial estates	Study tours: India; Iran; Ireland; Pakistan; UK Israel	(+) (-)
Yemen Arab Republic	Industrial estates - management and project evaluation	Industrial Estate, Nairobi, Kenya; Small Industries Extension Training Institute (SIET), Hyderabad, India; Industrial Estates, Jeddah and Riyadh, Saudi Arabia; Visits: India; Saudi Arabia	(+)
Yugoslavia	Industrial estates - organisation	Study tour: Ireland; UK	(0)
Zambia	Industrial estates	Small Industry Extension Training Institute (SIET), Hyderabad, India	(+)

Industrial Training

Home country	Field of study	Training facility	Evaluation
Jordan	Industrial training	Department of Employment, UK; Kingston Polytechnic, School of Management, UK	(+)
Peru	Executive Training	PEREX, Salamanca, Mexico; IHP, Mexico City, Mexico	(+)
Peru	Executive training	COMFO, Santiago, Chile	(+)

Industrial Programming and Planning

Home country	Field of study	Training facility	Evaluation
Burundi	Industrial planning	International Centre for Advanced Technical and Vocational Training, Turin, Italy	(0)
Chile	Industrial programming	Ministry of Public Planning, Rome, Italy; Cassa per il Mezzogiorno, Italy; Istituto di Studi per la Programmazione Econ. (ISPE), Italy	(+)
Egypt	Industrial development planning	Institute of Social Studies, The Hague, The Netherlands	(0)
Egypt	Industrial development planning	UNIDO Interregional Training Programme in Investment Promotion Techniques, Vienna, Austria; UNIDO Industrial Programming Section, Vienna, Austria	(0)
Egypt	Project evaluation	Project Planning Centre, University of Bradford, UK	(0)
Egypt	Industrial project implementation techniques	Loughborough University of Technology, UK; Visits: UK	(+)
Greece	Industrial planning	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Guatemala	Industrial development planning	Escuela Nacional de Administración Pública de Alcalá de Henares, Madrid, Spain; Visits: Puerto Rico	(-) (0)
Hungary	Industrial planning and programming	Study tours: UK	(0)
Indonesia 2x	Industrial programming	Institute of Social Studies, The Hague, The Netherlands	(0)

Industrial Programming and Planning (cont'd)

Home country	Field of study	Training facility	Evaluation
Iraq	Industrial planning	Research Institute on Developing Countries, Central School of Planning and Statistics, Warsaw, Poland	(+)
Mali	Project evaluation	Délégation à l'aménagement du Territoire et à l'action régionale (DATAR), France; Société d'aide technique et de co-opération (SATEC), France; Organisation de contrôle conception et réalisation (OOCR), France	(0)
Mexico	Industrial programming and planning	La Escuela de Organización Industrial (EOI) de la Universidad de Madrid, Spain	(+)
Nepal	Regional and locational aspects of industrial planning and implementation	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Nepal	Industrial planning	University of Manchester, UK	(+)
Pakistan	Industrial planning	Central School of Planning and Statistics, Warsaw, Poland; Ministry of Heavy Industry, Warsaw, Poland	(+)
Pakistan	Industrial planning and programming	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Philippines	Regional industrial development programming	Cassa per il Mezzogiorno, Italy; Department of Regional Economic Expansion (DREE), Canada; International Bank for Reconstruction and Development (IBRD), Washington, D.C., USA; Superintendency of the Development of Northeast Brazil (SUDENE), Brazil; Superintendency of the Development of Amazonia (SUDAM), Brazil	(+)

Industrial Programming and Planning (cont'd)

Home country	Field of study	Training facility	Evaluation
Philippines	Industrial programming	Netherlands Universities Foundation for International Co-operation (NUFFIC), The Hague, The Netherlands	(+)
Poland	Industrial planning	VOEST, Linz, Austria	(+)
Poland	Industrial programming and project planning	National Computing Centre, Ltd., Manchester, UK; International Computers Ltd., UK	(+)
Rwanda	Industrial programming policies	Institut d'études pour le développement économique et social (EDES), France	(0)
Saudi Arabia	Industrial programming	Research Institute for Management Science (RVS), Delft, The Netherlands	(0)
Senegal	Project planning and evaluation	SONEPI (Société nationale d'études et de promotion industrielle), Belgium	(0)
Somalia	Industrial programming	UNIDO Interregional Training Workshop on Industrial Programming, Amsterdam, The Netherlands	(+)
Sudan	Regional industrial development planning	Research Institute for Management Science (RVS), Delft, The Netherlands	(+)
Thailand	Industrial policies	Study tour: Australia; The Netherlands; Philippines; Turkey; USA	(+)
Thailand	Regional industrial planning and project analysis (actual training in development administration)	University of Connecticut, Development Administrators Training Program, Institute of Public Service, Hartford, Conn., USA	(+)
Tunisia	Industrial development project planning	Project Planning Centre, University of Bradford, UK; Oxford University, UK	(+)

Industrial Programming and Planning (cont'd)

Home country	Field of study	Training facility	Evaluation
Turkey	Industrial programming and project planning	Project Planning Centre, University of Bradford, UK	(+)
Uganda	Industrial programming and evaluation	University of Bradford, UK	(+)
Zaire	Project identification and evaluation	SORCA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(+)
Zaire	Evaluation of economic development projects	SORCA S.A. (Société de recherche opérationnelle et d'économie appliquée), Brussels, Belgium	(+)

Industrial Financing and Investment Promotion

Home country	Field of study	Training facility	Evaluation
Dominican Republic	Financing and investment	International Centre for Advanced Technical and Vocational Training, Turin, Italy	(0)
Fiji Islands	Industrial financing	Malaysian Industrial Development Financing Institute, Berhad, Malaysia	(+)
Iraq	Industrial policies and financing	Study tours: Italy; Yugoslavia	(+)
Israel	Investment promotion	Department of State Corporation, Norway; Finsider, Italy; Finmeccanica, Italy; Banco Nacional do Desenvolvimento Economico (BNDE), Rio de Janeiro, Brasil	(+)
Mexico	Industrial financing	Oxford University, UK	(+)
Peru	Investment promotion	Nacional Financiera S.A., Mexico; Instituto de Credito Oficial (ICO), Spain	(+)
Senegal	Banking techniques	Banque de Bruxelles S.A., Brussels, Belgium	(+)
Tanzania	Development banking	Economic Development Institute, World Bank, Washington, D.C., USA	(+)
Tanzania	Economics - financial aspects	Carleton University, Canada; Bureau of Statistics, Ottawa, Canada; Central Bank of Canada, Canada	(+)

Promotion of Export-Oriented Industries

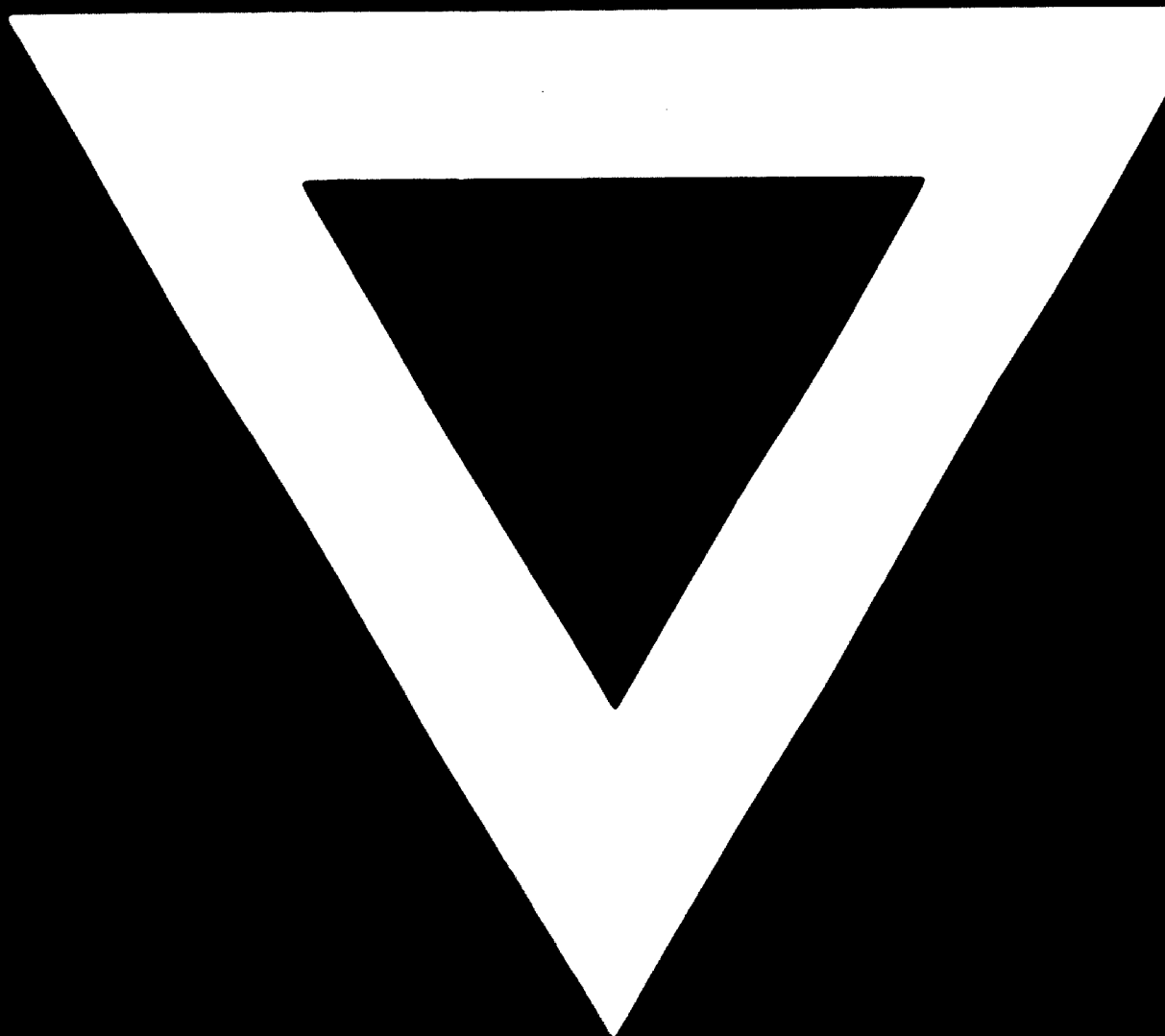
Home country	Field of study	Training facility	Evaluation
Hungary	Export promotion	Study tours: Mexico; Spain	(0)
India	Export credit insurance systems	Study tours: (8) UK; (40) USA	(0)
India	Export credit insurance systems	Study tours: (2) FRG; (7) France; (2) Ireland; (3) Switzerland; (9) UK	(+)
India	Product adaptation for export-oriented industries	P.O. Ferguson Associates, Pittsburgh, Penn., USA; Shaw Industries, Franklin, Penn., USA	(+)
India	Collecting, indexing and disseminating overseas marketing information	Export Service Division of British Overseas Trade Board, UK; Visits: UK	(+)
India	Free zones organization	Shannon Free Airport Development Company Ltd., Ireland; Ministry of Commerce and Industry, Hong Kong; Ministries of Science and Technology and of Commerce, South Korea	(+)
Israel	Development of export-oriented industries	Study tours: (11) firms/institutes in Italy	(-)
Korea, Rep. of	Promotion of export-oriented industries	Standard Telephones and Cables Pty, Sydney, Australia; P.A. Management and Consultancy Ptd., Sydney, Australia; Bank of New South Wales, Sydney, Australia; International Marketing Institute of Australia, Canberra, Australia	(+)

Promotion of Export-Oriented Industries (cont'd)

Home country	Field of study	Training facility	Evaluation
Madagascar	Promotion of export-oriented industries	Etudes du Commerce Extérieur à l'Université de Gand, Belgium; Bureau de conseil économique Quinet Neuhaps et partenaires, Brussels, Belgium	(+)
Nepal	Industrial free zones	Shannon Free Airport Development Company Ltd., Ireland; Ministry of Commerce and Industry, Hong Kong; Masan Free Export Port, South Korea	(+)
Sri Lanka	Export promotion and international marketing	International Marketing Institute, Cambridge, Mass., USA; Visits: (6) Finland; (5) Ireland	(+)
Sudan	Export promotion	European Economic Community, Brussels, Belgium; University of Manchester, UK	(+)
Syria	Industrial export promotion	School of Management Studies, Polytechnic of Central London, UK; Visits: UK	(+)
Thailand	Export promotion	College of Business Administration, Louisiana State University, Baton Rouge, Louisiana, USA	(+)

Industrial Surveys and Studies

Home country	Field of study	Training facility	Evaluation
Iraq	Industrial development and productivity survey	Study tours: UK	(+)
Khmer Republic	Industrial statistics	Federal Bureau of Statistics, Ottawa, Canada; UNIDO Survey Section, Vienna, Austria	(+)
Laos	Industrial census	L'École des Cadres de Lausanne, Switzerland	(+)
Nepal	Industrial statistics	Central Bureau of Statistics, The Hague, The Netherlands; Visits: Hungary	(+) (-)
Philippines	Industrial studies promotion	University of Bradford, Project Planning Centre, UK	(+)
Poland	Industrial development surveys	Institut français du pétrole Lucil Malmaison, France; The Imperial College of Science and Technology, London, UK; Istituto Nazionale dei Motori, Naples, Italy; Luccardo Consulting, Strotham-by-Sea, UK	(0)
Sudan	Techno-economic studies in the food and canning industries	University of Bradford, Project Planning Centre, UK	(+)
Sudan	Statistics	Statistical Institute of the Economic University, Budapest, Hungary	(-)
Syria	Techno-economic studies in the petroleum industry	UNIDO/Romania Centre, Bucharest, Romania; Carbosin, Copsa Mica, Romania; Synthetic Fibres Complex, Svisesti, Romania; Petrochemical Complex, Ploiesti, Romania; ENCO, Ploiesti, Romania	(+)



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