

## THE MANDERSTAM GROUP

### EXPERIENCE IN THE FIELD OF PERFUMES ,COSMETICS and PHARMACEUTICALS

<b>PROJECT</b>	<b>COUNTRY</b>
<b>Perfumes and fragrance market and manufacture</b> -market and techno-economic feasibility study for the manufacture of perfumes and fragrances in Abu Dhabi; particularly Middle East/Asian fragrances and European "lower shelf" perfumes.	United Arab Emirates
<b>Manufacture of fragrances</b> for air freshness by copying (trickle down effect) leading perfumes using gas chromatography techniques.	UK
Design of <b>talcum powder</b> blending plant at Samantha Jane Ltd	UK
Redesign of existing manufacturing facilities for production of <b>cosmetics</b> for the Vidal Sassoon products (mixing equipment, heat transfer and pumping of viscous pastes and emulsions) at Richardson-Vicks Ltd	UK
Designed facility for manufacture of a range of <b>cosmetics</b> at CWS, Manchester	UK
Due diligence audit of new perfume production facilities in Jeddah, Saudi Arabia.	Saudi Arabia
<b>Vitamin C</b> Manufacture - Review of Design and Expert Witness for the International Court of Arbitration (Jindal Drugs vs Noy vallesina Spa)	India
<b>Penicillin</b> manufacturing plant including tableting and packaging on behalf of United Nations Industrial Development Organisation (UNIDO)	Philippines
<b>Multi Products</b> manufacturing plant including tableting and packaging for paracetamol and derivatives (UNIDO)	Philippines
<b>Intravenous fluids</b> production - Mojo Biomedical Ltd on behalf of the World Bank (IFC)	Nigeria
<b>Intravenous fluids</b> production - BEEPHARM Industries Ltd on behalf of the World Bank (IFC)	Cote D'Ivoire
<b>Lactic acid and citric acid</b> production upgraded (EEC)	China
<b>Citric acid</b> manufacture (EEC)	China
<b>Ciprofloxacin and quinoline</b> production (EEC)	China
Expansion of <b>erythromycin</b> and derivatives manufacture (UNIDO)	Philippines
<b>Rifampicin</b> production (UNIDO)	Philippines
Modernisation of existing <b>semi synthetic antibiotic</b> facilities. Client: State Pharmaceutical Administration of China at N°3 Pharmaceutical Factory, Shanghai	China
Feasibility study on <b>cyprofloxacin and quinoline antilacterial agents</b> on behalf of the EEC - Xian Pharmaceutical factory, Shanxi Province	China
Pharmaceutical selection supply and manufacture project - Government of Cameroon	Cameroon

Modernisation of existing <b>antibiotic production</b> facilities Client: State Pharmaceutical Administration of China N°4 Pharmaceutical factory, Shanghai	China
Advice on increasing productivity of <b>large-scale fermentation process</b> for antibiotic production - Boox-Allen and Hamilton, New York	USA
Retained as Consultant for new project manufacturing and marketing, range of <b>generic</b> and other drugs - Fisons Plc Pharmaceutical division	England
Modernisation project including advice on <b>synthetic organic chemical</b> manufacturing units in <b>vitamin, drug and glucose</b> production at North East General Pharmaceutical Factory, Shenyang. Client: EEC	China
General <b>organic chemical</b> manufacture, including bulk production of <b>intermediates</b> such as acetic acid. Advice on tableting machinery at Shandong Xinhua Pharmaceutical factory. Client: EEC	China
<b>Licensing of medicines.</b> To institute controls on the nature and quality of medicines permitted to be sold - Ministry of Health	UK
Study of <b>essential drugs for primary health care</b> , assessing the quantitative needs for a range of 32 drugs for the entire population and undertaking a techno-economic study for their manufacture in the public sector - Ministry of Health.	UK
Assistance to the Burma Pharmaceutical Industry (BPI). A techno-economic study to evaluate the problems facing the BPI and give guidance on <b>the modernisation</b> and extension of facilities for <b>production and quality control</b> - Ministry of industry, Rangoon	Burma
Organisation of the pharmaceutical Quality Control Laboratory. To advise on a technical and administrative matters necessary to <b>upgrade the laboratory</b> to fulfill its function as the National Regulatory Laboratory. Work included establishment of drug sampling programmes, and <b>quality control</b> programmes - Ministry of Health	UK