

Name	<b>Andrew (Andy) Barker</b>
Nationality	British
Currently based in	Farnham, Surrey, UK
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Qualifications / Memberships	University of Manchester Institute of Science & Technology (UMIST) BSc (Chemical Engineering)  Chartered Engineer (C.Eng) Fellow of the Institution of Chemical Engineers (FIChemE) Associate Institute of Environmental Management and Assessment (AIEMA)
Languages (1 basic – 5 fluent)	French 3; Spanish 3
Key skills information:	Engineering manager with extensive experience of the production of chemicals, the design and construction of process plant and investment appraisal in developing countries, including safety, health and environment issues
Country experience	Extended periods in Poland and Pakistan. Remit with CDC was global and involved the appraisal of projects in many countries. Much international experience since, especially in South America
<b>Work experience</b>	
Current	Since leaving CDC worked as independent consultant for Kvaerner Engineering and Foster Wheeler. 3 years as Senior Risk Management Consultant with global insurer AIG.
Recent assignments	<ul style="list-style-type: none"> <li>Principal Design Safety Engineer for Foster Wheeler, Reading - developing and leading studies for large new Shell petrochemical complex in China and other projects.</li> <li>Environment, Safety &amp; Health Co-ordinator for 2 UK pharmaceutical projects.</li> <li>Hazard Study Leader for Kvaerner project for the manufacture of pharmaceutical intermediates</li> <li>Risk Management Consultant for AIG, based in London (7/02 to 6/05 and part time since) - responsible for risk surveys of oil refineries and chemical plants especially in S. America, but also Europe and UK - providing advice to clients and AIG underwriters.</li> </ul>
CDC career	1995 – 2000 Senior Executive. Responsible for leading or supporting appraisals of investment opportunities in a wide range of industries. eg. oil refining, petrochemicals, fertilisers, oleochemicals, cane sugar and palm oil mills. Development of policies and procedures in health, safety, environment and social issues, and for auditing existing and proposed investments for compliance.
Earlier career	Production management and development roles with Shell Chemicals UK 1965-1978 Process plant design management, commissioning and commercial roles 1978-1995, mainly with Costain Oil, Gas & Process, but also including periods in the water industry and pollution control.