


Name	Mike Robotham	
Position	Director of Engineering and Contracts	
Date of Birth	1959	
Qualifications	1996 Chartered Engineer, full member of IMechE 1983 BSc (Hons) in Mechanical Engineering	

Roles and Responsibilities:

Reporting to the Managing Director, Mike's main responsibilities include:

- Management of the Engineering and Design Team;
- Management of the Project Management Department;
- Delivery of Mechanical, Electrical and Hydraulic Design;
- Review and approval of design, including it's successful completion within time and budget;
- Strategic allocation of company resources and development of engineering capability;
- Liaison with product managers to discuss and agree priorities;
- Responsibility for the technical services department.

Work Experience:

Having worked in the Engineering department for nearly 30 years Mike has key experience, working on medium to large, heavy engineering and special projects in the field of mechanical, electrical and hydraulic equipment.

Mike Started at DavyMarkham as a Design Engineer in 1983, he then became the Technical Manager in 1993 before becoming the Director of Engineering in 2000 and Engineering and Contracts in 2002. Although his specialist skills lie with design, he is also closely involved in the other fundamental project stages including; management, manufacture, site erection and commissioning.

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Project	Value	Year of Completion	Role	Scope
Civil Infrastructure				
Gateshead Millennium Bridge – Newcastle upon Tyne, England	£1.3m	2002	Director of Engineering	Manufacture, design and installation of operating and control systems along with Gateshead Borough Council and architects
High Orchard Lift Bridge – Gloucester, England	£0.9m	2008	Director of Engineering and Contracts	Design, manufacture, installation and commissioning of the mechanical lifting system together with the hydraulic and electrical control systems.
Wind Tunnel Upgrade – Bedford, England	£2.6m	2005	Director of Engineering and Contracts	Manufacture of a new 27MW main direct drive motor, Foreign Object Damage screen and additional cooler. Replacement fan blades. Modifications to model test section.
Mining, Quarrying and Tunnelling				
Mine Hoists – Westwood Mine - Ontario, Canada	£10m	2010	Director of Engineering	Mechanical design services and manufacture of two mine hoists
Power Generation				
FUJIN - England	£0.1m	2009	Director of Engineering and Contracts	Feasibility study for applying forces and moments to a wind turbine gearbox
Vertical Cable Laying - Up Machine	£2.5m	1998	Director of Engineering	Manufacture of the bearings and drives which form the main elements of equipment
Subsea Cable Laying – Up Machine	£6.5m	2010	Director of Engineering and Contracts	Design (hydraulic, electrical and control) manufacture and procurement, installation and commissioning
Mechanical Handling				
200t & 1000t Conductor Turntables – London, England	1.6m	1998	Director of Engineering	Manufacture of three new degassing turntables, 10m in diameter with a 4m inner hub and 2.2m deep

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