

PERSONAL DATA

Name : Dr. rer.nat. Hans Wilhelm Meyer.
Born : 05. Januar 1960 in Langenzenn, Germany.
Nationality : German.
Marital Status : Not married
Nonprofit activities : Member of the „Prof. H.-J. Kuzel Foundation” to support extraordinary scientific performances in building material chemistry.
Languages : German, English, Thai.
Spare time interests : Scuba Diving, Squash, Football, Literature.

CURRENT POSITION

Since 06/2012: **CEMCON AG, BERN, SWITZERLAND**
International consulting in Cement, Environment & Infrastructure

Managing Director and Partner

PREVIOUS POSITIONS

02/2006 to 06/2012: **PEG S.A., GENEVA, SWITZERLAND**

Technical and Operations Director of the PEG Group of Companies (PEG S.A., PEG India, PEG SE-Asia, Enatec, CME and Representative offices).

Functions and Responsibilities

- Member of PEG Group of companies Executive Management and direct reporting and cooperation with the CEO of the PEG Group (PEG S.A., PEG India, PEG SE-Asia, Enatec, CME and Representative offices).
- Full responsibility for all technical operations of the companies within the PEG Group (200 engineers, without site personnel).
- Responsible for all consulting, engineering and turn key projects of the PEG Group of companies within a global business environment.
- Responsible for the operations and vertical, internal integration of the PEG Group and its affiliated companies.
- Optimization of project execution by integration of project teams from all international affiliates as well as from outsourced services.

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- Supervision and coordination of the project teams and standards within the PEG Group of companies.
 - Improvement of the engineering quality
 - Direct participation on key projects, e.g. negotiation of consultancy and supply contracts for Cement Plants up to a range of 400 Mio. €.
 - Control and supervision of the technical design for plant modification projects as well as for new line and green field projects.
 - Representation of PEG in various conferences, meetings and negotiations with international equipment manufacturers, cement producers, administrations, and scientific institutes.
 - Participation in the strategic business development and diversification of the PEG Group, e.g. alternate fuels utilization, composite cement projects and alternate energy generation.
 - Development of new markets, co-operations, representations and of the affiliated companies.
 - Responsible for all R&D projects within the PEG Group.
 - Elaboration and presentation of publications.

01/1993 to 02/2006: KHD HUMBOLDT WEDAG AG, COLOGNE, GERMANY

01/1993 - 12/1995 : Head of R&D Department and internal Management Development Program

01/1996 – 02/2006 : Manager Process and Materials

Functions and Responsibilities

- Reporting to the Company Board Members and to the Managing Directors.
- Determination of the lay-out parameters for thermal and mechanical machinery for cement production (i.e. raw mixture design, bypass rates, gas and material flow quantities, heat consumption, etc.) based on the material technological properties and parameter.
- Determination and formulation of guarantee figures (i.e. raw mixture design, accuracies, etc.) for contracts on the basis of material and process technological judgement.
- In key-projects: planning and management at site (i.e. 8 months contract team Humboldt Wedag INC., Atlanta for two major projects in Thailand in the course of the Management Development Program).
- Project execution, plant optimization, trouble shooting and performance tests at various sites (i.e. 8 months as manager process technology in Saudi Arabia and 42 months in Thailand).
- Optimization of plants and trouble shooting at site (i.e. 3 months optimization in India).
- Claims management against sub-suppliers and clients.

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- Evaluation and judgement of the chemical (i.e. chemical composition, contamination with disturbing compounds, etc.) and the physical (i.e. grindability, wear rate, granulometry, fineness, density, etc.) properties of raw materials, fuels, process products, dusts, additives and finish products.
 - Expertise consulting and support of thermal and mechanical process engineering department.
 - Responsibility, planning, management and coordination of material technological tests, analysis and R & D projects in KHD's R & D Center, Universities and other R & D institutions.
 - Publication of R & D developments and new developed technologies (in German & English).
 - Technical support to the patent department: registration and enrolment of KHD patents, formulation of 7 own patents, contesting of competitor patents.

Management and responsibilities for R & D projects

- Theoretical calculation and investigation concerning the burning and product quality of clinker using waste tires as an alternative fuel source in conventional and short rotary kilns with high degree of pre-calcination.
- High pressure grinding: Improvement of cement quality.
- Alternative burning methods considering energy savings in the production of cement clinker.
- Method for improvement of sintering the reaction in the production of cement clinker.
- Q-XRD: a new method for quantitative, standard less determination of clinker main compounds for advanced quality and process control.

Training lectures

- Training of plant personnel in material in process technology, operation and optimization.

03/1989 to 12/1992: **FRIEDRICH ALEXANDER UNIVERSITY, ERLANGEN-NUREMBERG, GERMANY**

01/1993 - 12/1995 : **Scientific Assistant at the Institute for applied Mineralogy and Building Material Chemistry**

Execution and responsibility for R&D projects:

- Influence on the hydration of Portland cement by citric acid (joint research project with Messrs' ARDEX-Chemise GmbH).
- Influence of borates on the setting time of C₃A in Portland cement clinker (joint research project with Messrs' ARDEX-Chemie GmbH).
- Mechanism and kinetics of Ettringite and Monosulfate formation in Portland cement by carbonation influence.

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- Setting time control of Portland cement by Alkali and Earthalkali-Acetate, Citrate, Formiate and Benzoate.
- Influence of immanent CaCO_3 concentration on the hydration of C_3A in the Portland cement system.

Lecturer at the University Erlangen-Nuremberg:

- Lectures and practical training of classes: Mineralogy I&II (crystallography/crystal-chemistry), building material chemistry, XRD and Guinier diffractometry and heat flow calorimetry.
- Instruction and supervision of practical training of advances students.

Development of scientific methods and analytical methods:

- Development and construction of special preparation methods and analytical equipment: Automation and data-transfer on a high sensitive heat-flow calorimeter.
- Automation on a semi-automatic powder diffractometer with computer controlled data transfer.
- Development and implementation of a CO_2 and water tight cell for a Guinier diffractometer for a contamination free, long time investigation of hydration reactions.
- Development and construction of an apparatus for gravimetrical CO_2 determination.

1989 Promovation (PhD degree): Thesis: „The Hydratation der Cacialuminate im Portlandzement in the presents of CO_3^{2-} “

ACADEMIC / EDUCATION

11/1980 to 02/1985: FRIEDRICH ALEXANDER UNIVERSITY, ERLANGEN-NUREMBERG, GERMANY

Study of Geochemistry and Mineralogy

1. - 4. Semester Basic Study of Geochemistry and Mineralogy

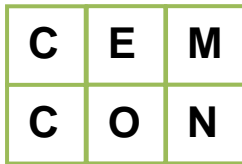
5. - 10. Semester Advanced Study of Geochemistry and Building Material Chemistry.

Internships:

- BAVARIAN WATER ADMINISTRATION NUREMBERG (Analysis of heavy metal content in flood sediments).
- Fa. MANNESMANN (X-ray quality control of weldings of a gas pipeline).
- BAVARIAN BUILDING MATERIAL ADMINISTRATION (O_2 -measurement at permeability tests, Technical building material tests).

Master Thesis: Chemical-technological Investigations on colored earth.

PRE-ACADEMIC EDUCATION



1981 – 1982	Military Service at Tank Battalion 121 in Amberg / Germany.
1979 – 1981	GCOE level at Nuremberg College
1976 – 1979	In parallel to Apprenticeship, Middle school level at Berufsaufbauschule Nuremberg.
1975 – 1978	Apprenticeship at the Bavarian Forest Administration in Schwabach.
1966 - 1975	Elementary School Langenzenn.