

CURRICULUM VITAE Stefan Wetzel

- Date of birth:** 17.10.1951 in Berlin, Germany
- Education:** 1971
Abitur in Berlin (university entrance examinations)
- Professional Education:** 1971 - 1977
Study of Marine Engineering at the Technische Universität Berlin
- 1977
Diploma Engineer TU, Marine Engineering and Ship Propulsion Systems
- Additional Skills:** **Languages:**
- German (native language)
 - English (verbal and written)
- Statistics:**
- General knowledge of the description and analysis of Statistics, Reliability Analysis
- Career Details:** 1977 - 1980
Senior Engineer, in charge at Krupp MaK Maschinenbau GmbH, Kiel. Responsible for:
- Marine and stationary diesel power plant calculations
 - Project engineering
 - Programming of user's-software
- 1980 - 1984
Group Supervisor Mechanical Engineering Project Department, Howaldtswerke Deutsche Werft AG, Kiel.
Responsible for:
- Planning, calculation and design concept of mechanical power plant for commercial ships
 - Responsible for design and calculation of Piping & Instrumenting Diagrams
 - Development of computer programs for calculating marine propulsion systems
- 1984 - 1988
Group Supervisor, Energy and Power Plant Division, Krupp MaK Maschinenbau GmbH, Kiel.
Responsible for:
- Technical calculations, planning and development of stationary diesel power plant projects
 - Introduction of a CAD system for the Energy and Power Plant design department
- 1986 - 1988
Lecturer at Academy of Economics and Engineering (Wirtschaftsakademie), Kiel, on mechanical engineering on behalf of Krupp MaK (sideline)

1989 - 2002

Department Manager, Energy and Power Plant Division, Krupp MaK Maschinenbau GmbH, Kiel; from 1998: Caterpillar International Power Systems. Additional responsible for:

- Complete development and design of diesel power plants incl. electrical and civil part
- Purchasing orders for complete balance of the plant
- Technical management of turn key diesel power plants
- Technical support to sales, commissioning and after sales departments
- Software development for calculation and engineering of turn key diesel power plants

Granted Power of Attorney (from 1991)

Responsible for the day to day management of a group of 23 engineers and technicians.

2003 - 2004

Department Manager in the Research and Development Division of Caterpillar Motoren GmbH:

Focused on market introduction of the new developed gas engine (engine development support, sales support, system integration, commissioning)

2004 - 2009

Manager Mechanical Engineering at Lindenau GmbH, Schiffswerft und Maschinenfabrik, responsible for

- Entire development and design and testing of ship propulsion plant and cargo systems
- Purchasing orders for the a. m. systems

2009 - 2015

Executive engineer and technical advisor at Marine-Motor-Service GmbH, Hamburg – Wenzendorf

Worldwide activities as an expert for diesel engines in marine and power plant applications comprising:

- Inspection and performance evaluation of diesel power plants and seagoing vessels (i.e. measures to reach better plant efficiency and reliability)
- Analysis of diesel engine damages and mandatory countermeasures
- Technical training of diesel power plant engineers
- Commissioning of re-engineered power plant equipment
- Purchasing orders for the a. m. systems

From 2015

Termination of full – time employment at Marine Motor Service GmbH due to retirement and formation of “Engineering & Consulting Knoop GmbH”, Altenholz – Knoop, Germany.

Continuing worldwide activities as an expert for diesel engines in marine and power plant applications as General Manager.

Altenholz, March 2016