

Meet The Course Director



Marco J. van Daal

Marco J. van Daal has worked in the heavy lift and transport industry since 1993 starting with Mammoet Transport from the Netherlands and later with Fagioli from Italy, both respected companies and leading authorities in the industry.

His 20 years-plus experience includes projects on five continents and in over 55 countries and has resulted in a best-selling book, "The Art of Heavy Transport".

Early in his career, Marco worked mostly in the Middle East and East Africa. He joined Fagioli in Houston, USA, in 2001 and left for Aruba in the Dutch Caribbean in 2004 to set up a heavy lift company specializing in work in the Caribbean islands.

In 2006, he set up his own business in heavy lift and transport training and education, working with companies such as Mammoet, Siemens and Bechtel.

His book, The Art of Heavy Transport, is in its third reprint and is an authority in its field. It has earned Marco a contributing membership with the American Society of Mechanical Engineers (ASME) on the committee that sets the standards for the use of cranes and other lifting devices. A committee focusing on a transport standard is in the making.

An engineering graduate, he is a member of NIRIA, the Dutch Engineering Society; FEANI, the European Engineering Society; and he holds a post graduate degree in general management and economics from Hogeschool in Amsterdam.

Who should attend?

- ✓ CEOs and Company owners
- ✓ Lifting Engineers
- ✓ Lifting & Rigging Specialist
- ✓ Structural Engineers
- ✓ Project Engineers
- ✓ Project Managers & Planners
- ✓ Construction Managers & Engineers
- ✓ Operations Managers
- ✓ Transport & Lifting supervisors
- ✓ Project Cargo Specialist
- ✓ Marine Warranty Surveyors
- ✓ Cargo Superintendents
- ✓ Marine Risk Engineers
- ✓ Freight Forwarders
- ✓ Sales Engineers
- ✓ Offshore Installation Engineers
- ✓ Naval Architects / Marine Engineers
- ✓ HSE Managers & Engineers

Learning Objectives

- ✓ Realize the importance of good and correct communication, examples from NASA
- ✓ Understand the planning and execution of a transport and lift covering the load
- ✓ Select the right transporter or crane for the load or job
- ✓ Learn how to take equipment to the maximum in a safe way
- ✓ Understand why it is important to know the application and limits of each equipment, rigging tool
- ✓ Learn why it is important to agree on terminology before starting the job
- ✓ Recognize unsafe situations before they occur
- ✓ Understanding and calculation of ground pressure
- ✓ Learn how to assess (complex and multi-discipline) transport and lift plans
- ✓ Learn how to properly prepare and perform a load-out
- ✓ Explore all heavy lift and transport aspects beyond the common boundaries