



STMicroelectronics (AMK8), Singapore

# Semi-Conductor

We design and deliver complicated and complex projects working alongside our clients to get the best value for their investments. Our “one-stop” approach provides our clients the confidence to deliver their projects end-to-end, safely and reliably.

## SEMI-CONDUCTOR CAPABILITIES

- Project Management
- Design Management
- Site Master Planning and Infrastructure Planning
- Internal Space Planning (3D)
- Civil and Structural Design incl. Vibration Design and Advise
- Mechanical and Electrical Design incl. Specialists systems
- Instrumentation, Control and Automation
- Clean Room Designs
- Computational Fluid Dynamics (CFD)
- Fire engineering Design and simulations
- Security Planning and Systems
- Industrial Services Process Piping Design
- Environmental Sustainable Design and Certification
- Testing and Commissioning

## INNOVATIVE APPROACH TO ADVANCED TECHNOLOGY PROJECTS

The design and construction of semi-conductor and wafer fab plants are highly demanding and complex requiring an indepth understanding and knowledge of how to pull the whole project together from a design, delivery and operational perspective.

Meinhardt’s Project Managers, Civil and Structural designers, M&E engineers and Process engineers are highly experienced in the design and delivery of semiconductor and wafer fab plants. We work with our clients to develop innovative design and delivery approaches that are geared towards achieving cost effectiveness and efficiency to ensure that there are no compromises over the quality of the final outcome. We understand the stringent requirements for vibration control and design and also clean room controlled environments. We select appropriate technologies to achieve the best outcome for our clients.

Meinhardt focuses to bring technology, people and systems together to deliver our client





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- 01 STMicroelectronics (AMK8)  
Singapore
- 02 Seagate International  
Singapore
- 03 Agilent Epitaxial Facility  
Singapore
- 04 Seagate Woodlands  
Singapore
- 05 Intel Manufacturing Plant  
Cavite and Makati, Philippines
- 06 Agilent Technology (Yishun),  
Singapore
- 07 STMicroelectronics (AMK)  
Singapore
- 08 Compaq Asia  
Singapore



## CONTACTS

For more information about our capabilities, please contact

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## ABOUT MEINHARDT

Meinhardt Group, with over 45 offices and 4,450 staff worldwide, provides engineering capabilities in Infrastructure and Environment; Structures; Mechanical, Electrical and Plumbing (MEP); Project Management; and Planning & Urban Development. Our specialist capabilities cover Façade Engineering; Environmentally Sustainable Design (ESD); Specialist and Architectural Lighting; Fire Performance Engineering; Integrated Design Management; Mission Critical Facility Design and Industrial Technologies.

Our team of experienced and responsive consultants provide a multi-disciplined professional approach for total project delivery, offering clients original and highly buildable design solutions that satisfy their cost and time requirements.