

# Industrial Manufacturing Facilities

At Meinhardt, we understand the value of time, cost and quality and factor that into our design and delivery strategies for our Clients manufacturing facilities. We bring our International experience and customise to deliver projects locally - safely and reliably.

## Industrialisation

Industrial Manufacturing facilities are becoming more complex including the expectation of our clients and the markets they operate in.

At Meinhardt, we work with our clients to understand and address their needs as early as possible, by transferring them into the most efficient and economical technical delivery solution with confidence. Our philosophy is to customise our solutions to the needs of our clients as, one size does not fit all.

Our team is focused on the integration process, manufacturing and production systems into the overall design of our client's facility. Using our core skills of project and construction management, civil and structural, MEP, façade engineering and sustainable engineering, Meinhardt provides a 'one-stop' delivery experience to enable the development of leading edge facilities.

The Meinhardt lead consultancy and EPCM approach provides a single point of responsibility and accountability for our projects, as well as solutions which are economically, environmentally and strategically beneficial to our clients.

## Our Industrial Manufacturing Facilities Capabilities:

- Feasibility Studies
- Site Master Planning
- Business Analysis
- Due Diligence
- Civil and Structural Design
- Process Piping Design
- Electrical and Mechanical Design
- Geotechnical Design
- Instrumentation, Control and Automation
- 3D Piping Design
- Fire Engineering
- Energy and Water Audits
- Cost Estimation
- Risk Management
- Commissioning
- Health and Safety Management
- Procurement Strategy and Management
- HAZOP's and Safety in Design Reviews
- Waste Water Treatment





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- 01 ST Kinetics at 249 Jalan Boon Lay Singapore
- 02 Seagate Woodlands Singapore
- 03 Seagate International Singapore
- 04 STMicroelectronics (AMK8) Singapore
- 05 Unilever Detergent Manufacturing Complex Shanghai, China
- 06 Agilent Epitaxial Facility Singapore
- 07 Nestle Gemini Rayong, Thailand
- 08 Caterpillar Underground Mining Project (UGM) Rayong, Thailand
- 09 HP Plant at Tuas Singapore



## Contact Information

For more information about our capabilities, please contact

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## About Meinhardt

Meinhardt Group, with over 42 offices and 3,800 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.