



July Update

MEINHARDT IN FOCUS

At Meinhardt, we believe that by adhering to our **key initiative to fight against Corruption in all its forms** will ultimately ensure a safe and ethical work environment. To ensure this principle is well understood and is strictly carried out by both internal and external stakeholders, we conduct an annual **Anti-Corruption Programme (ACP)**. This programme specifies activities to be conducted and followed each month throughout the year.

These ACP activities include constant communication to our staff, subsidiaries, business associates and the public; trainings for all staff and subconsultants; and most importantly our internal and external audits that are implemented independently by consultants.



Chaichana Chainiwes
Director, Meinhardt Thailand

PROJECT IN FOCUS

Congratulations to the **Banyan Tree Residences Riverside Bangkok** by **Nirvana Daii PLC** on being recently **awarded the Asia Pacific Property Awards 2019-2020 in both the Residential High-rise Architecture and Residential High-rise Development** categories (Thailand). The award recognizes the project's impeccable design and quality. The tower stands on a previously abandoned structure, presenting unique challenges for our structural and geotechnical engineers. The luxury units feature high end MEP systems to ensure improved occupant comfort including the use of VRF air conditioning and energy recovery ventilation units for increased ventilation.

Meinhardt Thailand provided full engineering design services include Civil and Structural, MEP engineering design and Building Information Modeling (BIM).



DEVELOPED BY
Nirvana **BANYAN TREE RESIDENCES**
- RIVERSIDE BANGKOK -

STAFF IN FOCUS

Khun Ketsara Chanpaiboon was the MEP project coordinator for this month's feature project, Banyan Tree Residences Riverside Bangkok. Ketsara has worked with Meinhardt for 6 years. Ketsara is a Thai Senior Professional Environmental Engineer (Level III, Wutti) with a Master of Engineering in Fire Protection and Bachelor of Environmental Engineering. She is an Executive Sanitary Engineer & Sanitary Engineering Discipline Leader. Discipline leaders provide an independent design review of each project. This ensures quality and consistency of our work and also provide knowledge sharing across the organization.

Ketsara recently was speaker at a knowledge sharing session held in-house. The Seminar was on Fire Protection and Prevention: Essential Systems to Reduce Risk of Loss of Life and Property. The session was well attended by invited clients and associates on 25th July at Meinhardt's Bangkok office.



Ketsara Chanpaiboon
Executive Sanitary Engineer &
Sanitary Engineering Discipline Leader

FACT IN FOCUS

Fire suppression systems are often necessary in buildings to maximize the safety of the occupants and assets within a building. A fire suppression system is used to control and extinguish a fire, often using wet pipe system or clean agent system. Not all fire suppression systems are the same. There are different types of systems depending on the type of facility. **Wet pipe systems** are the most common use due to low installation and maintenance expense. **Clean agent systems** such as NOVEC 1230 and Nitrogen (IG 100) are non conductive form which act on the "fire tetrahedron": reduction or isolation of fuel, reduction of heat and reduction or isolation of oxygen. **Foam Fire Suppression** is a system that uses foam to smother and cool a flame in order to extinguish it. The type you select depends very much on the assets to be protected and any special hazards the building may have.

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