

COMPUTATIONAL  
FLUID DYNAMICS

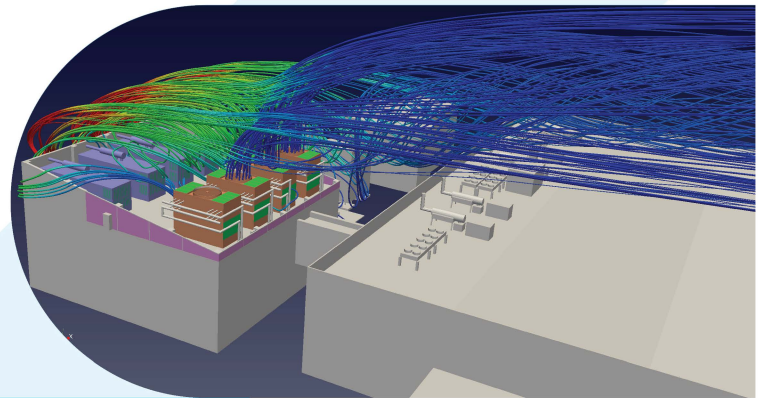
FINITE ELEMENT  
ANALYSIS

ROOT CAUSE  
ANALYSIS

PIPING  
ANALYSIS

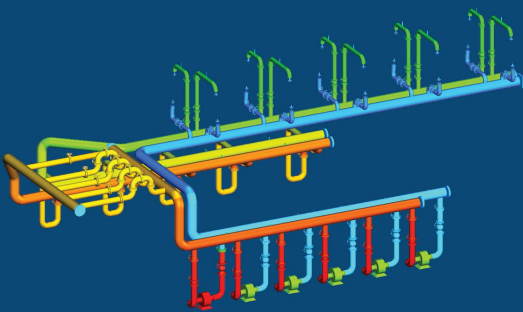
## CFD Modeling Services

- Thermal Comfort CFD Modeling
- Pedestrian Comfort & Wind Engineering
- Data Centre CFD Modeling
- Cooling Tower/Chiller Yard CFD Study
- Smoke and Evacuation Modeling
- Flue dispersion Modeling
- Thermal Energy Storage Tank Design
- Car Park and Tunnels
- CONTAM Modeling
- Mechanical Room Study (Transformer/Generator)



## Piping Analysis and FEA Services

- Pipe Stress Analysis and Support Design
- Surge Analysis
- Acoustics Study
- Structural Fire Analysis
- Seismic Analysis
- Vibration Analysis
- Mechanical and Structural Analysis



## TOOLS

CFD ANALYSIS	ANSYS Fluent, Pyrosim, OpenFOAM, FDS, CFX, Salome
PIPING ANALYSIS	Bentley-AutoPIPE, PULS, HAMMER, CAESAR II
STRUCTURAL ANALYSIS	ANSYS Mechanical, Bentley-STAADPRO
FINITE ELEMENT ANALYSIS	ANSYS Mechanical, Femap, NX-NASTRAN, Salome, CODE_ASTER

## CONTACT

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