



CERMAK
PETERKA
PETERSEN



WIND ENGINEERING & AIR QUALITY CONSULTANTS

CPP History

Modern wind engineering began in the 1950s with the work of Dr. Jack Cermak and his colleagues. As a professor at Colorado State University, Dr. Cermak pioneered the now-standard methods of modelling the effects of wind on buildings, structures, and pollutant dispersion. In 1964, his laboratory tested the design of the World Trade Center Twin Towers in New York City, bringing wind engineering to the attention of architects and engineers around the world.

In 1981, Dr. Cermak and Dr. Jon Peterka co-founded America's first commercial wind engineering company. Three years later, they were joined by Dr. Ron Petersen and the company became Cermak Peterka Petersen (CPP). Since its founding, CPP has been led by the world's most experienced wind engineers.

CPP provides its full range of wind engineering services to clients around the world. Now CPP has leading experts in the United States, Australia, and the United Arab Emirates.

For More Information

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Wind Engineering for Healthcare Facilities

Ensuring clean, healthy air is critical for hospitals, laboratories, and other healthcare facilities. Owners, developers, and design professionals can increase the value of their healthcare projects by consulting CPP in the early phases of design.

CPP services can help...

- Increase design options, efficiency, and sustainability
- Reduce initial costs, maintenance costs, and ongoing energy costs
- Prevent unnecessary risks and liability
- Protect occupant health, comfort, and productivity

Exhaust dispersion services help prevent exhaust re-entry and the dispersion of exhaust to pedestrian areas, air intakes, operable windows, or other sensitive areas on or near the building.

Indoor airflow services provide important design information to ensure effective and comfortable work spaces, patient care and recovery areas, and laboratory facilities.

Pedestrian-level wind services can help ensure safe and comfortable entry ways, walkways, and sitting areas around and between buildings.

Cladding and structural wind load services provide vital information about the effects of wind on the building. This information allows the cladding and structural engineers to use materials more efficiently and effectively to help reduce costs and increase reliability.

CPP also provides services to address...

- ...door operability
- ...parking structure airflow
- ...helipad placement

Contact CPP to avoid wind-related concerns early in the design phase.

