

Cooling Tower Safety at Parramatta District Court



Project: Parramatta District Court
Sector: Facility Management



Solution Design



Supply & Installation

The height of safety

Knight Frank, a global property powerhouse with over 125 years of experience, manages an extensive portfolio of properties worldwide. With a commitment to maintaining high safety standards, Knight Frank sought a reliable height safety partner to enhance their access and fall protection systems across their portfolios nationwide. After witnessing remarkable savings and efficiencies since partnering with Anchor Safe on a national scale, Knight Frank entrusted Anchor Safe with the design, supply, and installation of a state-of-the-art cooling tower access system at Parramatta District Court, one of their key properties.

Parramatta District Court, the largest trial court in Australia, boasts a high energy-efficient design, earning a 5-star Australian Building Greenhouse Rating. The cooling tower systems are crucial to maintaining this energy efficiency. Without efficient access for regular cleaning and maintenance, the risk of the building's rating declining increases significantly, along with the potential for reduced energy performance and a heightened risk of Legionnaires' disease. The Anchor Safe team designed, supplied and installed a safe access system to ensure the site upheld all energy ratings and ensured the smooth running of the day-to-day operations of the law courts.

Delivering results from top to bottom

The system featured an elevated platform integrated with an angled cage ladder, providing safe access to all three cooling

towers from a single-entry point. Self-closing gates were installed on the platform and guardrail system, ensuring secure entry and exit to the vents. The use of lightweight, non-corrosive aluminium components ensures minimal maintenance and superior durability, while mill-finished aluminium mesh provides maximum grip, even in slippery conditions.

With a comprehensive understanding of the tasks regularly performed, the Anchor Safe team designed a unique system that maximizes safety and enhances the efficiency of the cleaning and maintenance process. By eliminating the need for harness-based systems, maintenance personnel can work more freely and confidently, knowing that all fall risks have been effectively mitigated.

The cooling tower access system at Parramatta District Court is engineered for a minimum 50-year design lifespan, with up to 10 years of warranty, ensuring long-term reliability and safety. The partnership between Knight Frank and Anchor Safe led to substantial improvements in safety and compliance at the Parramatta District Court property. Through the implementation of a cutting-edge safety solution and high-quality installation, our client can now rest assured that employees and contractors are protected, risks are minimized, and all safety obligations are fulfilled. This project exemplifies Anchor Safe's commitment to protecting workers and rooftops, further solidifying our reputation as a trusted leader in height safety and compliance.



Elevated platform with guardrail both sides and angled cage ladder to access the platform.



Stair & platform system installed for safe access to lower areas of the cooling towers.



Angled cage ladder system integrated with platform and guardrail system.