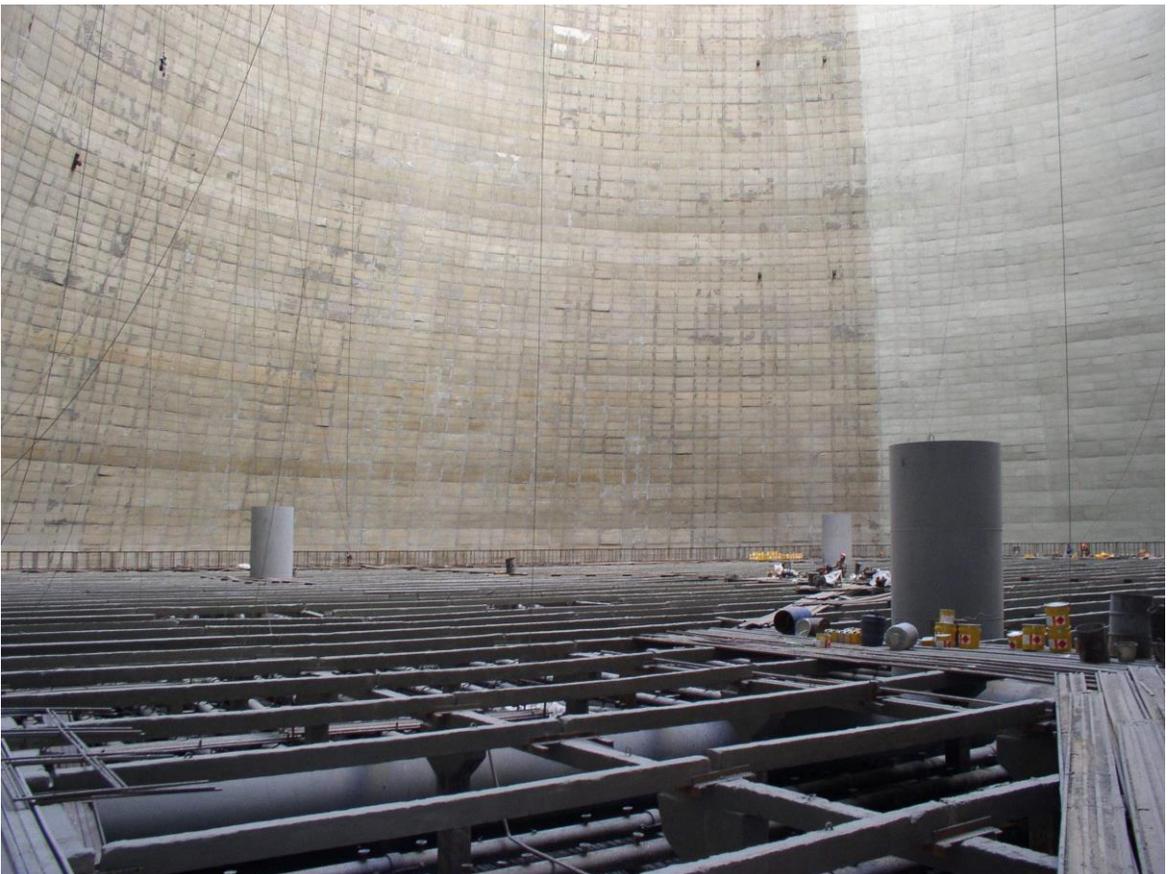


THERMAL POWER PLANT ZUYEVSKAYA – DONETSK – UKRAINE

The **Zuyevskaya Thermal Power Plant**, near the city of Donetsk, is one of the biggest of his type in Ukraine.

It generates 5430 million kW-hours of electricity per year. In September 2003 one of its water-cooling towers was being overhauled, including the all-around anti-corrosion protection and the hydrophobic sealing. In total 3500 m² had to be protected with **ZINGA**.

These pictures were taken on 4 October 2003 during an inspection by the Ukrainian Distributor of **ZINGA**, the company **KVVT, Vector Technologies**.



THERMAL POWER PLANT ZUYEVSKAYA – DONETSK – UKRAINE

The surface preparation was done by sand-blasting followed by blowing.
The **ZINGA** coating was applied with brushes and rollers, the weld seams were touched up twice.
ZINGA was applied in two coats.



The surface of all metal structures was very rough and deeply corroded. The resulting surface finish after sand-blasting was very rough and uneven, all dappled with cavities, grooves, indents and pits. But all those indentations and cavities were cleaned up, blasted and coated with **ZINGA**.

The minimum coating DFT was 80 µm and the maximum DFT was 130 µm.

The adhesion tests showed a perfect result.

System:
Sandblasting to SA 2.5
ZINGA 2 x 50 µm DFT
(brush & rollers)

