

7 POINT

Structural Health Check

01 FOUNDATION

Inspect footings, piles, and foundation walls for cracks, settlement, or moisture infiltration, especially in high-humidity or underground areas. Ensure slabs and concrete bases are level and free of excessive cracking due to machinery vibrations or thermal expansion.

03 ROOFING & OVERHEAD STRUCTURES

Look for corrosion, loose fasteners, or missing sections in metal roofing sheets and panels, especially after strong winds. Ensure gutters and drainage systems function properly to prevent water pooling and structural deterioration. Inspect roof trusses and supports for stress fractures, rust, or loose bolts from industrial use.

05 DOORS & ACCESS POINTS

Inspect industrial roll-up and sliding doors for track wear, motor issues, and locking mechanism failures. Ensure fire exits and emergency doors open easily and aren't blocked. Inspect loading bays and dock gates for correct alignment and secure operation under high-traffic conditions.

07 FIRE & SAFETY BARRIERS

Inspect fire-rated walls and partitions for cracks, gaps, or missing fireproofing. Ensure emergency sprinklers and suppression systems function correctly, especially in areas with flammable materials. Check blast barriers and protective shields for damage or deterioration in high-impact zones.

02 STRUCTURAL FRAMING

Examine steel columns, beams, and bracing for rust, deformation, or loose connections caused by heavy loads. Check that floor and roof joists remain stable, not sagging or damaged by temperature changes or strain.

04 WALLS & CLADDING

Inspect steel and concrete panels for cracks, warping, or heat damage, especially near furnaces. Ensure windows and vents are adequately sealed against dust and chemicals. Look for any bending or shifting in the structural alignment that may indicate excessive loading or subsidence.

06 ELECTRICAL & MECHANICAL SYSTEMS

Examine cable trays, electrical panels, and wiring for overheating, loose connections, or moisture exposure. Inspect pipes and valves for leaks, corrosion, or pressure irregularities in high-use systems. Ensure HVAC and ventilation systems provide proper airflow and filtering, particularly in hazardous or high-temperature environments.