

COMPLIANT END-TO-END TURN-KEY SOLUTIONS



Ekror

Building Compliance & Engineering Consultancy

| CAPABILITY STATEMENT |



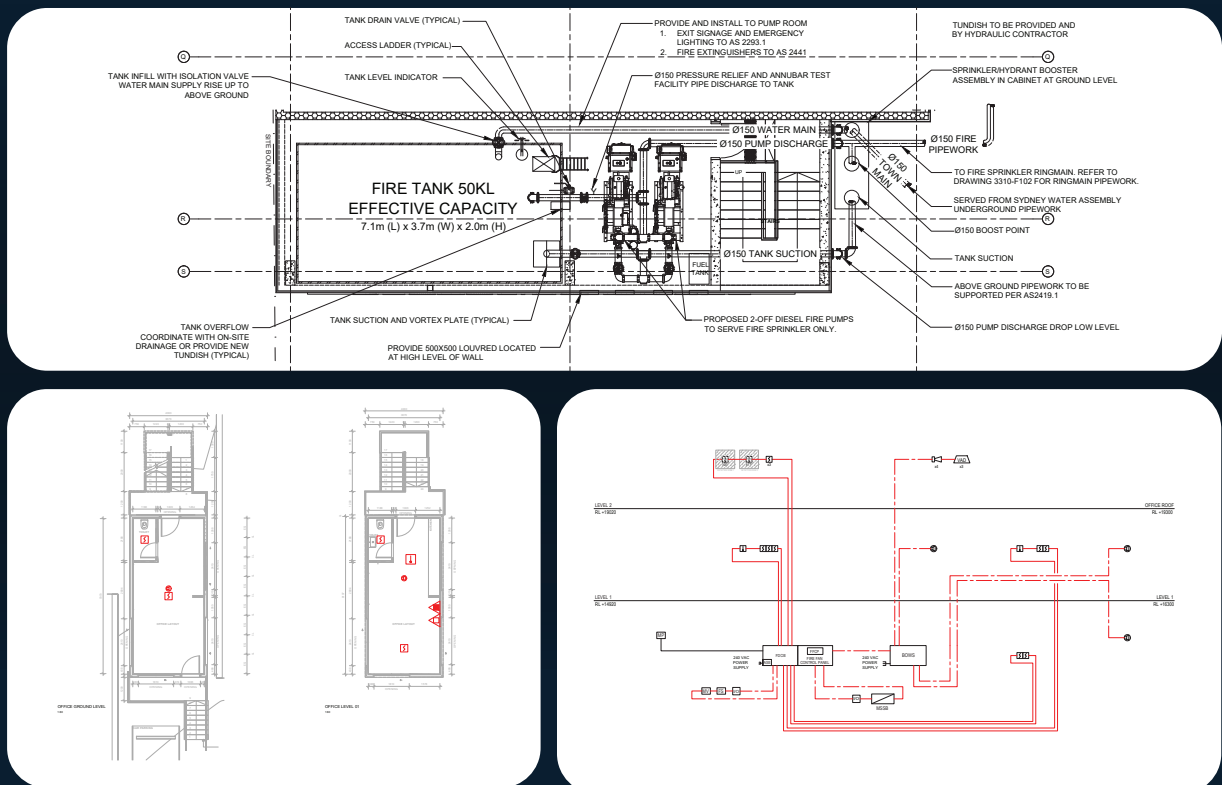
ABOUT US

Ekor Building Compliance & Engineering Consultancy is a multidisciplinary firm delivering certified engineering services across electrical, mechanical, hydraulic, civil/structural, and fire safety systems. With a proven track record across major commercial developments, we provide end-to-end support from concept through to compliance and handover.

Our team of qualified engineers brings deep technical expertise, real-world project experience, and a commitment to engineering excellence. We collaborate seamlessly with structural engineering partners to ensure full design integration for complex, large-scale builds — offering our clients a complete, coordinated solution across every discipline.

CORE CAPABILITIES

Our services are tailored to ensure performance, efficiency, and compliance across every building type and sector.



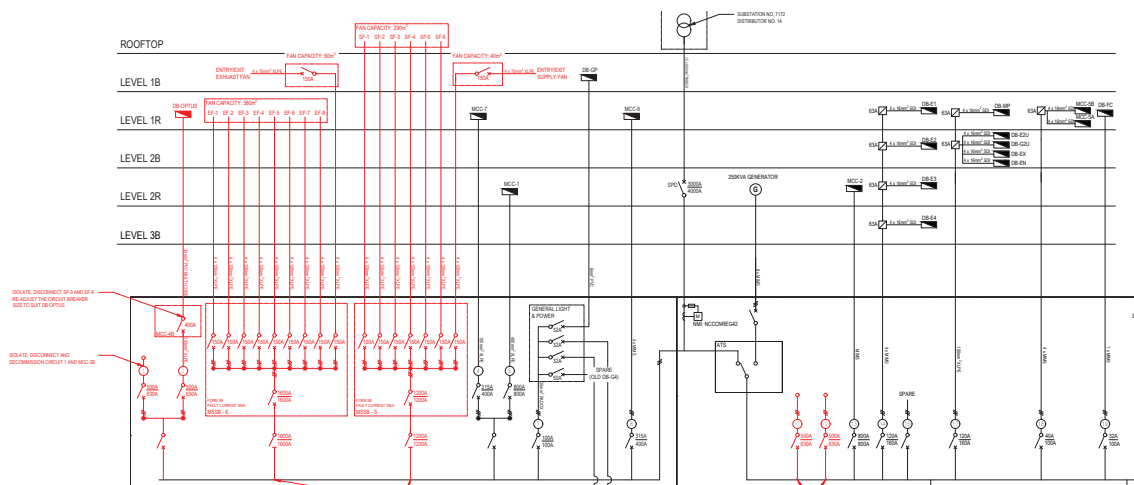
FIRE SAFETY & BCA COMPLIANCE

- › Fire safety audits & reporting
- › Fire orders & compliance upgrades
- › Fire Safety Schedule reviews & Annual Statements
- › Final Fire Safety Certificates
- › Fire Safety Upgrade Design
- › DA submission reports
- › BCA audits and change of use compliance
- › Council development order support
- › Building Information Certificates (BIC)

BUILDING SERVICES ENGINEERING



- HVAC design, upgrades & lifecycle reviews
- Central plant systems (boilers, chillers, cooling towers)
- Energy-efficient boiler replacements
- Smoke hazard management systems
- Stair pressurisation & carpark ventilation systems
- Modernisation of aging mechanical infrastructure
- Energy savings strategies
- Life cycle analysis of building services



ELECTRICAL ENGINEERING

- Electrical safety audits & feasibility assessments
- EV charging and power upgrades
- Backup power and switchboard modernisation
- Lighting & general power layouts
- Energy efficiency and distribution planning

HYDRAULIC SERVICES



- Design for potable water, sewer, and hot water systems
- Sump pump system design
- Emergency investigations for hydraulic failures
- Integration with stormwater and fire systems

STORMWATER, ROOFING & DRAINAGE



- Roof-to-street stormwater system design
- Detention tank and drainage design
- Roof replacement methodology and waterproofing solutions
- Waterproofing rectification for existing structures
- High-risk building assessments

FIRE SERVICE DESIGN (FSD ACCREDITED)



- Fire sprinkler, hydrant, and hose reel systems
- Fire detection, EWIS, and BOWS
- Hydraulic modelling of fire systems
- Emergency and exit lighting system design

CIVIL / STRUCTURAL ENGINEERING (SUPPORTING SERVICES)



- Certification for mechanical plant platforms, slabs, and mezzanines
- Structural support for service installation (hydrants, sewer, stormwater)
- Emergency response to service-induced concrete damage

PROJECTS

01.

HIGH RISE HYDRANT REDESIGN

Particulars:

- 44 storey building, built in early 1990's to Ord.70 standards
- Full redesign of the system to the AS2005-2419 standard
- 880m of new hydrant piping installed into the fire isolated stairwell
- New hydrant and pressure reduction zones
- Modification to storage tanks to comply

02.

RECYCLING CENTRE SPRINKLER AND FIRE DETECTION DESIGN

Particulars:

- Large scale industrial recycling centre
- High hazard sprinkler design in accordance with AS2118.1-2017
- Design done in accordance with NSW Fire & Rescue Guidelines for Waste Management Facilities

03.

EC FAN WALL

Particulars:

- Modernisation of AHU fan system to new EC Fan wall for improved airflow and reduced energy consumption

ADVISORY & COMPLIANCE SERVICES

We support developers, asset managers, and property professionals with pre- and post-construction assessments to minimise risk and ensure readiness.



VENDOR OR PURCHASER
DUE-DILIGENCE REPORTING



INSURANCE RISK AUDITS



ASSET LIFECYCLE
ANALYSIS



PRE-WORK CONDITION
ASSESSMENTS



COUNCIL AND REGULATORY
LIAISON FOR CHANGE OF USE
AND DEVELOPMENT MATTERS



SECTORS WE SERVE



Mixed use &
High Rise Residential
Developments



Commercial &
Office Towers



Industrial
& Logistics Hubs



Government &
Civic Buildings



Educational
Institutions



Hospitals &
Aged Care Facilities



Infrastructure &
Utility Facilities

WHY EKROR

FULLY CERTIFIED
ACROSS MULTIPLE
DISCIPLINES

STRATEGIC
PARTNERSHIPS FOR
INTEGRATED
SERVICE DELIVERY

DEEP KNOWLEDGE
OF NCC, BCA, AND
AUSTRALIAN
STANDARDS

TRANSPARENT REPORTING
AND COMMUNICATION THROUGHOUT
PROJECT LIFECYCLE

IN-HOUSE QA/QC
PROCEDURES
ENSURING RELIABILITY
AND ACCURACY

PROJECT EXPERIENCE

With over 200 projects delivered in the past 15 months, our portfolio includes:

Fire compliance upgrades for public schools

Mechanical plant replacement for a major metropolitan hospital

Complete building services design for multi-storey commercial buildings


Stormwater and roofing remediation for high-risk residential developments

NOTE: Structural building design for primary frameworks is delivered via our trusted structural engineering partners.



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