

## Capability Statement

Safe Australia 'SafeOz (Aust) Pty Ltd' is a progressive firm of Consulting Engineers and Project Managers with its office in Sydney and Brisbane in Australia, and partner office in Ho Chi Minh City, Vietnam. It provides tailored services to government and private sector clients.

SafeOz provides Design and Certification services for **Infrastructure, Communication and Building Sectors**, with core strength in Residential, Commercial, Industrial and Institutional Building Structures, sourcing highly trained experienced experts and professional team either on a time and materials basis against upper limit budgets or a lump sum fee based on a defined scope of service depending on client requirements.

We assign staff with the requisite expertise to handle each project and provide innovative, cost effective and practical solutions to meet client requirements. It is our policy that one of our senior staffs is actively involved in each project.

SafeOz staff has Engineering and Project Management experience in all forms of project delivery including:

- Design only
- Design and Construct
- Alliances

### Services

SafeOz team of expert professionals fulfils a wide variety of roles on our projects, demonstrating the diverse range of skills we can offer to our clients. While engineering design and project management are the general descriptions of our business and we can provide a one-stop shop to meet all our clients' requirements, we often provide a specific service on a project depending on our clients' needs.

### Engineering Design

Our design approach takes fully into account the project background, client requirements, project cost, as well as appropriate technology and safety considerations. These services include but not limited to:

- Preliminary and Concept design
- Authority approvals
- Investigations
- Condition Surveys
- Asset Management
- Detailed design & documentation
- Design Certifications
- Peer Reviews, Third Party Checking and Verification
- High Performance Computing (Finite Element Analysis)

For Structural Engineering deliverables we specialize in following domains;

- Utility and Telecommunication Poles
- Buildings
- Platforms
- Demountables
- Conveyor Belts

For Civil Engineering scope our range of services include;

- Feasibility study and due diligence
- Council Compliance, DA, CC, CDC
- Public Domain works
- Sydney Water Asset Protection Approval Plans
- Greenfield and Brownfield Infrastructure development
- Traffic Management measures
- Driveway Profiles and Austroads Compliance
- Hydrologic and Hydraulic Design
- Water Sensitive Urban Design
- Stormwater Management Design
- Sedimentation and Erosion Control plan
- DRAINS and MUSIC Modelling
- Flood Reports and NSW SES plans (Evacuation plan)
- Lodgement of new services application with utility providers like Ausgrid, Jemena and NBN

## **Project Management**

Our project management services are flexibly tailored to meet the needs of each client and the unique requirements of each project. We believe that client's trust, understanding of client's goals and innovative and creative thinking are the key factors in the success of a project and client's satisfaction. Our project management approach is proactive and involves working closely with clients, sub-consultants and contractors to deliver projects on time and within budget, producing quality outcomes. We provide a full range of project management services right through project planning, design, procurement, construction and handover. These include:

- Project conception, programming, planning and control
- Preparation of project briefs and performance specifications
- Formulation of project schedules, cost plans and risk management
- Procurement management (including selection of sub-consultants /contractors)
- Provision of construction advice
- Quality assurance and quality control

**SAFE AUSTRALIA**  
CIVIL, STRUCTURE, DESIGN &  
STORMWATER, PROJECT MANAGEMENT CONSULTING ENGINEERS  
DEVELOPMENT APPROVALS

Over the years our team of experts has successfully delivered numerous projects varying in scale from small to medium to large. A quick list of major projects is as under;

- Structural Certifications of 700+ Utility Telco Poles in Sydney, Brisbane, Canberra.
- Structural Certification of Free Standing and Guyed Communication Towers, with a height range of 10m to 110m.
- Condition Assessment of Public Domain Retaining Walls for local councils.
- Forensic Studies of Aged Care facilities, Regional NSW.
- Defect Studies of Multi-rise Concrete Frame Buildings and retrofit script advice.
- Various Expert Reports for NCAT representation.
- Crash barrier redesign for existing culverts for road widening.
- Self-Standing Corridor Walkway Wall design to promote Heritage and Cultural Values, Engineering Design Management of Viewing Platform for Fairfield Leisure Centre, Grandstand Concept Design of Fairfield Showground, and Sustainable Resource Centre Facilities Upgrade for Community Recycling Centre, Fairfield City Council.
- Certification of Fire Wall Steel Frames for Conveyor Belt upgrade, Sydney International Airport.
- High Performance Computing (Finite Element Analysis) of Floor Fire Rating assessment, and Dome Shape Green Magic Homes design.
- Formwork Certification of Chalmers Street Substation, Transport for NSW.
- Peer Review of Pressure Vessels Platforms for Inpex, ICHTHYS LNG, Darwin NT.
- Peer Review and Design Certification of Lockheed Pavilion, Dubai.
- Design Review and Certification of Energy Australia Equipment Platform.
- Design Review and Certification of Lifting Cradles.
- Floor Certifications for Installation of Robotic Dispensing Machines for various Pharmacies in Sydney Metro.
- Façade Design and Certification of Multi-storey developments in Brisbane, Sydney, Canberra, Adelaide and Hobart.
- Concept to Construction Certification of Flat Apartment Buildings @ 4 Higgs Street Randwick, 746 New South Head Road Rose Bay, 109 Salisbury Road Stanmore.
- Public Domain Works for 109 Salisbury Road Stanmore development.
- Tender documents for Structural design of proposed Iranian Embassy, Canberra.
- Construction Support Services for Multi-rise Timber Frame Townhouses, Lindfield.
- Monumental and Heritage Sensitive Stupa for Crystal Castle NSW.
- Stormwater Management Design of Boomerang Hotel Albury and Catholic Church Silverwater, NSW.