

Capability Statement

Founded in 1992 TT Building Consultants Pty Ltd (TTBC) specialise in Fire Safety, Commercial Building Certification, Building Code of Australia (BCA) Compliance, Building Audits and Property Condition & Dilapidation Survey services to name a few. We are a small to medium enterprise comprising of 6 qualified Building Surveyors accredited by the Australian Institute of Building Surveyors (AIBS) and 5 administrative staff.

All of our technical staff are accredited by the AIBS Accreditation scheme as Building Surveyors and have been engaged on many private and government design teams to ensure compliance with relevant legislation and specialised client criteria. TTBC is committed to continuing professional development through ongoing training which ensures our personnel are at the cutting edge of their field.

Our Mission is:

“To provide an ethical expert service to our clients, understanding their individual needs, maintaining quality, professionalism and striving to be the partner of choice, this with the fundamental goal to deliver profitable growth.”

TTBC has been involved in undertaking building certification work since the introduction of Private Certification in Queensland in 1998. At this period of time TTBC was the largest Private Certification practice on the Sunshine Coast and one of the larger practices in Queensland.

TTBC was also heavily involved with the Aged Care Facilities Reforms in the late 1990's with Director, Stuart Titheradge, appointed as an assessor to undertake assessments of aged care facilities in every state of Australia. TTBC gained the expertise and experience to be a leading building certifier of new and existing aged care building work, built or upgraded to comply with the stringent Aged Care Certification Guidelines, that was issued by the Commonwealth Department of Health and Ageing.

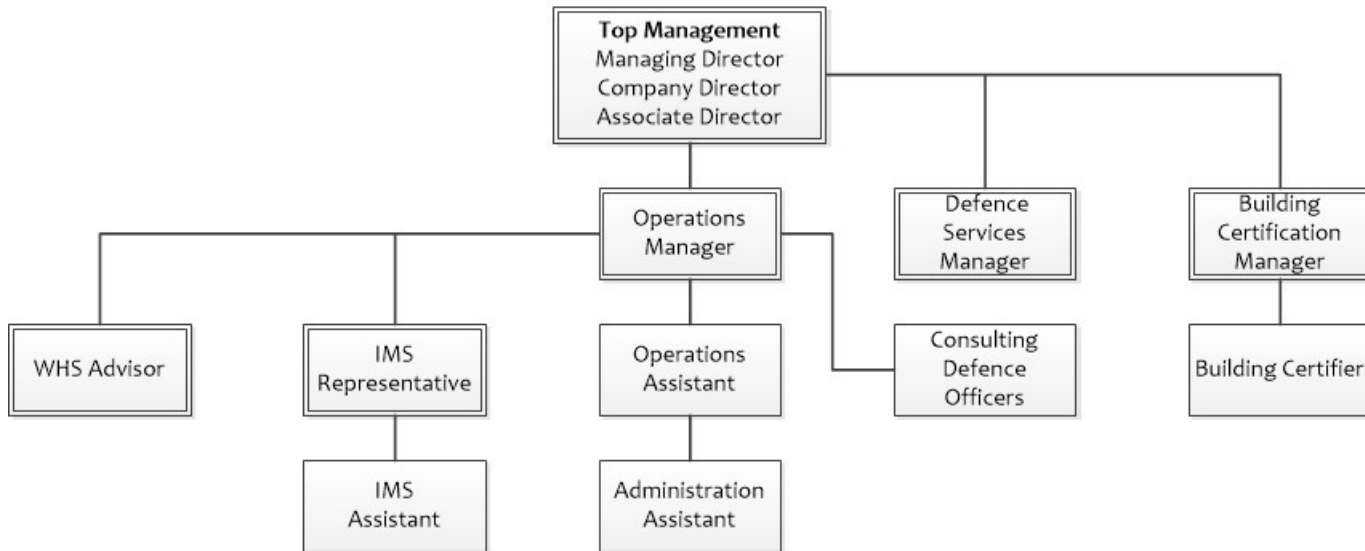
TTBC undertakes Building Certification in the Northern Territory both in the public and private sectors. TTBC is a member of the Northern Territory Panel for the Provision of Professional Services - Building Certification discipline since 2009 and has been undertaking Building Certification on various NT Government buildings such as schools, administration buildings, process and manufacturing buildings, hospitals and tourist facilities.



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TTBC ORGANISATION CHART

TTBC – Company Structure & Key Personnel Roles



ROLES	PERSONNEL	ROLES	PERSONNEL
Managing Director	Stuart Titheradge	Associate Director	Leanne Coates
Company Director	Robyn Titheradge	Operations Manager	Leanne Coates
IMS Representative	Leanne Coates	IMS Assistant	Aimee Van Dyke
		WHS Advisor	Aimee Van Dyke
Building Certification Manager	Rod Smith	Building Certifiers	Rod Smith
			David Box
Defence Services Manager	Rod Smith	Consulting Defence Officers	Stuart Titheradge
			Rod Smith
			Steven Leece
			Robert Boog
			David Box
			Jeff Brooks
Operations Assistant	Aimee Van Dyke	Administration Assistants	Leanne Coates
			Aimee Van Dyke
			Petrina McKean
			Robyn Titheradge
			Megan Turner



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SERVICE LOCATIONS

TTBC are based in South East Queensland with our offices located in Palmwoods on the Sunshine Coast. We have a proven track record of being able to service all Defence locations throughout Australia, External Australian Territories and South East Asia on a fly in fly out basis.

However should a surge capacity be required, TTBC may call upon staff from our sister company TT Building Surveyors (TTBS) to assist in the delivery of the required services. Should an extended period of additional staff be needed, TTBC would then seek to employ more permanent staff as required.

If and when required, TTBC are able to utilise the TTBS offices located in Brisbane, Sydney and Perth on an as needs basis.

TTBC has since 2002, accessed over 45,000 Defence buildings located in all parts of Australia and South East Asia. Over this period of time TTBC has developed well-honed procedures for deploying our staff in the most economical way. TTBC is of the opinion that it can economically undertake building certification work for any Defence project regardless of location.

TTBC DEFENCE CAPABILITY

Defence is a unique client in terms of Building Fire Safety and Certification as they require compliance with not only the BCA but also the Manual of Fire Protection Engineering (MFPE), Defence Estate Quality Management System, Defence Safety Manual and the Disability Discrimination Act 1992.

TTBC have been members of the Defence Infrastructure Panel - Fire Safety & Hazard Management Consultants since 2005 and specialise in providing fire safety and building certification consultancy and are the most experienced consultants available to conduct Fire Safety Surveys (FSS) for the Department of Defence or any other business entity requiring this service.

FSSs are not simply an appraisal against the current building codes and standards but are to ascertain the condition of the subject building in relation to occupant safety and asset protection. Factors also considered include the building age, type and heritage status. For older buildings a risk management approach for compliance with current building codes and standards may be required.

PROJECTS OF INTEREST

Projects that TTBC staff have undertaken as the Private Certifier include but is not limited to the following:

- **Upgrade of HMAS Penguin Hospital Building**
- **Upgrade clearance diver's re-compression chamber**
- **Fire Safety upgrades on numerous building at Gallipoli Barracks**
- **Upgrade Hazardous Chemical storage facility at Amberley**
- **Refurbishment at Gove District Hospital ward, block services and admin building**
- **Refurbishment at Gove District Hospital live in accommodation building**
- **Republic of Singapore Air Force CH-47 Chinook & Super Puma Helicopter Project - Oakey.**
- **Rockhampton Redevelopment Project** – Relocation of the 42nd Battalion RQR to Western St and new Range Control Buildings at SWBTA.
- **51st Battalion Redevelopment Project** – Completely new facilities in Cairns, Mareeba, Atherton, Cape York Peninsula, Thursday Island and Torres Strait in Far NQLD.



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- **HMAS Cairns Naval Base Redevelopment Project** – Several new buildings and the upgrading of some existing buildings.
- **Stage 2 Redevelopment of Lavarack Barracks** – A 3 precinct redevelopment of the Army barracks including multiple 3 storey Live in Accommodation buildings which included several Fire Engineered Alternative Solutions, 3 Mess buildings (1 per precinct) and several large industrial buildings for storage of equipment and associated vehicle workshops in Townsville.
- **C-17 Heavy Lift Air force passenger and cargo terminals** – 3 single level terminal buildings which facilitated the movement of passengers and cargo for the Australian Defence force, including several Fire Engineered Alternative Solutions in Townsville, Darwin and Edinburgh.
- **HMAS Cairns Naval Base** – A 2 storey commercial administrative centre for the Australian Navy in Cairns and a 2 storey cadet training facility.
- **Enhanced Land Force Project** – A 3 storey unit style Live in Accommodation for members of the Defence force, including a Fire Engineered Alternative Solution.
- **Various Defence building certification projects** in the Riverina Murray Valley Region;
- **Currimundi Market Place** – Sunshine Coast, full Woolworths shopping complex with associated speciality stores;
- **Australia Zoo Retail Precinct** – Large two storey retail and food precinct being the first major development at Australia Zoo, Sunshine Coast.
- **Australia Zoo Crocoseum** – The large spectator area and centre point of Australia Zoo, sunshine Coast.
- **Mirani High School** – A 1600sqm Year 7 general learning block.
- **Storage King** – An 8,400sqm 4 storey storage facility which included several fire engineered alternative solutions on the Gold Coast.
- **BER School Buildings** – Multi Purpose Halls and Resource Centres in various locations in the Burnett and Pioneer Valley Regions.
- **Sunshine Coast University, The Science Building** – A 3 storey educational building containing research, teaching laboratories and administrative areas at the Sunshine Coast University.
- **Sunshine Coast University, The Information, Communication and Technology Building** – A 6 storey educational building with computer facilities, libraries, research and administrative areas at the Sunshine Coast University.
- **Hancock Street Auditorium** – A 4 storey theatre building containing a 1500 seat auditorium with stage, orchestra pit & bar facilities in Brisbane.
- **Domain Aged Care Facility** – A 4 storey aged care building in Chiswick.
- **Kimberley College** – A 1480sqm Year 7 and prep general learning building.
- **CC Marcoola** – A 3 to 6 Storey residential development at Marcoola.
- **Twin Waters Living Choice Residential Units** – A multi-storey residential development on the Sunshine coast.
- **Sunshine Plaza Redevelopment** – The redevelopment of the Sunshine Plaza complex including multi-level car parking, retail/restaurant, cinemas which include several Fire Engineered Alternative Solutions in Maroochydore.
- **Mooloolaba International** – A 17 storey retail/bar, residential development which included several Fire Engineered Alternative Solutions in Mooloolaba
- **Twin Waters Living Choice Stage 3 Villas** – A 75 villa retirement village development on the Sunshine Coast.
- **Oceans** – A 10 storey retail, residential development which included several Fire Engineered Alternative Solutions in Mooloolaba.
- **Sirocco** – A 10 storey retail, residential development which included several Fire Engineered Alternative Solutions in Mooloolaba.



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- **Aurora** – A 12 storey restaurant and residential development at Maroochydore.
- **Riverside Apartments** – A 4 to 6 storey residential development in Brisbane.
- **Platinum** – A 12 storey retail, residential development which included a Fire Engineered Alternative Solution in Maroochydore.
- **Seaforth Apartments Stages 1 and 2** – A 6 storey retail, residential development which included a Fire Engineered Alternative Solution in Alexandra Headlands.
- **On Shore Apartments** – A 7 Storey residential apartment building in Cleveland.
- **Tricare Aged Care Facility** – A 4 storey aged care building in Mermaid Beach.
- **The Point** – A 6 storey residential development which included a Fire Engineered Alternative Solution in Maroochydore.

TTBC EXPERIENCE AND CAPABILITY

TTBC has the experience and capability to offer its clients a comprehensive range of services including:

- Undertake Fire Safety Surveys;
- Undertake BCA compliance audits;
- Undertake certification of building/construction works;
- Undertake building infrastructure appraisals and property condition audits;
- Draft and produce building drawings including detailing the building's essential safety measures and evacuation diagrams in accordance with AS 3745;
- Undertake Essential Safety Measures Maintenance Audits ;
- Undertake combined audits of Fire Safety, Building Appraisal and Fixed Plant and Equipment;
- Undertake day to day role as a Defence Fire Safety Officer; and
- Gathering and processing data on the IBIS data upload spreadsheet.

THE TTBC ADVANTAGE

The Defence environment is a restricted space enclosing a broad range of facilities and disciplines governed by a regimented chain of command. An understanding of this environment is important when navigating the Establishments/Bases and communicating with the point of contact. These factors can be overwhelming to a contractor who has limited Defence experience and, for example, does not understand the chain of command and rank structure.

TTBC technical staff have been regularly accessing Defence Establishments/Bases since 2002 and have extensive knowledge of the unique Defence environment. It should be noted that since FSS work was outsourced, TTBC has undertaken most of the FSS work for Defence. Our Defence experience and knowledge enables TTBC staff to gain access with minimal disruption and in accordance with Defence protocols therefore reducing/eliminating the need for Defence support or assistance. Our great depth of Defence experience and understanding has often been recognised, with Defence satisfaction being shown by the number of times TTBC have been re-engaged in the same Defence Regions – two, three and more times.

TTBC are members of the Defence Industry Security Programme (DISP) and we manage our own security matters. All TTBC technical staff and selected administration staff hold yellow Defence Industry Passes. One TTBC staff is cleared to Negative Vetting 1 (NV1)/Secret level which can aid in gaining access to facilities with a higher security classification. This minimises the need for Defence security guards or further vetting.

All TTBC technical staff hail from building trade backgrounds with many being registered builders. This building experience ensures that TTBC technical staff can provide realistic, cost effective recommendations that can, in most cases, be actioned without the need for an additional site visit to develop a scope of works.



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The TTBC administration staff have extensive experience and are proficient users of Defence's own IBIS data upload spreadsheet.

TTBC QUALITY ASSURANCE AND SAFETY CERTIFICATION

TTBC have an established quality assurance system in place overseen by the integrated management system team. The TTBC quality assurance system is certified to meet the standards of ISO 9001-2015. TTBC have an established workplace health and safety management system in place overseen by a qualified workplace health and safety advisor. The TTBC workplace health and safety management system is certified to comply with the standards of AS/NZS 4801:2001. TTBC have been listed on the JAS-ANZ register since 2009.

TTBC's aim is to develop long term, professional relationships with clients by consistently providing a high quality of service that exceeds their expectations. TTBC's approach to quality assurance (QA) is based on the use of a project specific quality plan. This is established for all projects and achieves consistently high quality work with accurate project delivery outcomes.

TTBC also conducts bi-annual training conferences lasting two-three days where all TTBC technical and administrative staff are together to receive formal training to update their skills and sharing of Defence experiences. Guest speakers from Defence and professionals from industry are also invited as presenters. The technical content of the TTBC training sessions are of such a high standard, they are recognised by the AIBS Continual Professional Development (CPD) Scheme.

DEFENCE SECURITY CLEARANCES

TTBC can confirm that as members of the Defence Industry Security Program (DISP), we manage our own Defence security matters including Defence Industry passes for its staff and the maintenance of a Security Register as required by the Defence Security Manual. In accordance with the DISP TTBC has appointed a Unit Security Officer (USO), whose task includes ensuring that all staff hold current Defence Industry passes and comply with the relevant Defence security requirements. Our USO continually monitors the TTBC pass register and where required actions pass renewals prior to the expiration date.

All TTBC technical staff and selected administration staff hold yellow Defence Industry Passes. One TTBC staff member is cleared to Negative Vetting 1 (NV1)/Secret level which can aid in gaining access to facilities with a higher security classification. This allows access to Defence Bases/Establishments throughout Australia, without the need for Defence security guards or further vetting, other than any relevant onsite induction(s).

TTBC CONTACT INFORMATION

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Should a surge capacity be required, TTBC have the ability to call upon staff from our sister company Formiga1 to assist in the delivery of the required services. Formiga1, has offices in the following locations: Brisbane, Qld; Sydney, NSW; and Perth, WA.

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Our dedicated team of professionals have the skills, knowledge and resources to meet your needs.