



# Technical Baggage Engineer

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## About Brisbane Airport Corporation

Brisbane Airport Corporation Pty Limited (BAC), the operator of Brisbane Airport (BNE), is a proud, private, un-listed Queensland company, employing thousands of Queenslanders and creating economic opportunities for the state and city of Brisbane equating to more than \$4 billion annually.

Operating 24 hours a day, seven days a week, BNE has two major Terminals accommodating 33 airlines flying to 83 domestic and international destinations. It is a suburb in its own right, the largest capital city airport in Australia by land size (2,700 hectares) and the third-largest airport in Australia by passenger numbers with more than 23.4 million passengers travelling through the airport in FY18.

More than 425 businesses are located at BNE, servicing a diverse range of industries offering services such as freight and aircraft handling, warehousing, transport and communications, manufacturing, research, property and infrastructure development, education and training, recreation, tourism, accommodation, leisure and retail. Collectively these businesses employ nearly 24,000 people, a number expected to exceed 50,000 (the size of a regional town) by 2034.

With passenger numbers forecast to more than double by 2034, since FY12 BAC has invested \$1.7 billion building critical infrastructure, with a further \$1.8 billion worth of infrastructure to be delivered between FY18 – FY22.

Projects to be delivered include a new runway, new multi-level car park and walkway facilities, road terminal expansions, terminal redevelopments, new apron and taxiways, road and cycling path upgrades and a number of new commercial buildings.

## About the Position

Reporting to the Senior Portfolio Manager, the **Technical Baggage Engineer** is responsible providing technical input and advice into planning studies, designs, construction and commissioning of the baggage systems associated with this programme of works to ensure the timely, efficient and effective delivery of the transformation of passenger and baggage security screening process across both International and Domestic passengers and baggage systems.

In addition to this you will also be required to provide your expert skills to other baggage planning and projects that you will be involved in beyond this immediate programme of works. You will work closely with the Strategy Planning and Development Department in the development of the long and medium planning of the baggage system to ensure that is an appropriate response to the demand on the entire baggage network.



# Technical Baggage Engineer

You will be part of a team of accomplished Project delivery professionals, who have developed an enviable track record in the industry. This key role requires someone who can plan, achieve high workloads, meet deadlines, develop collaborative relationships with various types of stakeholders (internal and external) and be a supportive team member prepared to help all.

This is not your average role and it requires a person who is driven, passionate about their role with strong team values and is focused on delivering successful outcomes.

## Tasks and Responsibilities

- Manage consultancies where required to undertake planning and design works associated with the baggage system ensuring your technical knowledge of airport baggage system is utilised to provide optimised solutions
- Develop functional user requirements for BAC for the various baggage works being developed
- Specify and review engineering designs for baggage related projects including constructability and staging of the works
- Support strategic terminal planning projects and assist in the medium and long term planning requirements for baggage handling systems with other departments (Operations, Facilities, ICT, Planning), including addressing the planning requirements for supporting infrastructure (e.g. high and low level controls, checked baggage screening and SCADA)
- In conjunction with the Baggage Handling Project Managers prepare design briefs describing capacity, redundancy, security, checked bag screening mechanisms, manual encoding, control systems, SCADA, connections to BMS, Whole of Life, and safety
- Provide input to the Assets Project Support Office to review, maintain and expand the BAC Airport Technical Guidelines ensuring close consultation with other departments to ensure all stakeholder requirements are achieved
- Assist the Project Manager to ensure compliance with the guidelines by BAC design consultants and contractors for baggage projects
- Site inspection, witness and Site Acceptance Testing (SAT) of new or upgraded installations for compliance with the design specifications or in terms of ongoing operational requirements and provide advice as necessary
- Review as-built documentation (including Operation and Maintenance Manuals) for compliance with BAC requirements and specifications
- Provide advice on variation proposals or alternative designs during the project delivery phase as required and directed



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- Provide engineering advice and liaise with other sections of the Corporation, including higher management, as required
- Build and maintain communication and collaborative partnerships with internal departments, customers and applicable external agencies to facilitate achievement of the Asset group's operational objectives
- Ensure the Safety in Design process is not just a tick box process but demonstrate true safety leadership
- Demonstrate Safety Leadership throughout your role

## Experience & Qualifications

### *Essential*

- Tertiary qualifications or equivalent in Services related engineering field
- Minimum of 15 years' experience in the planning, delivery and maintaining of airport baggage handling systems
- Eligibility for certification as a Project Manager by AIPM, or approved equivalent
- High level of written and presentation skills
- Sound experience in Project Management principles and practices
- Excellent stakeholder communication skills
- Proven Safety Leadership

### *Preferred*

- Postgraduate qualifications in related disciplines
- Experience in the development of business cases

## Knowledge & Technical Proficiency

- Knowledge of baggage systems (including controls), specifically in "brown field" projects and projects in live environments
- Sound knowledge and experience in use of Project Management Systems
- Strong skills in the preparation and writing of technical documentation
- Intermediate knowledge and skills in using relevant Microsoft programs

This is an opportunity to join a company which is already a leader in its field in Australia and use your skills, experience and enthusiasm to help continue our successful growth. BAC is a forward thinking organisation, which is supportive of innovation and has a unique positive working environment.



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Please note, Brisbane Airport Corporation (BAC) reserves the right to close the applicant portal prior to the listed closing date.

If you believe you have the drive and experience to succeed in this exciting role, please click [here to apply now.](#)