



GRADUATE ENGINEER - BETTER BUILDINGS

POSITION
DESCRIPTION

**HIP V. HYPE
SUSTAINABILITY**

HIP V. HYPE IS AN ENTREPRENEURIAL GROUP OF COMPANIES UTILISING DESIGN THINKING TO CREATE THE FUTURE CITY WE DESERVE.

WE USE OUR UNIQUE PERSPECTIVE ON BUSINESS, PROCESS AND TECHNICAL KNOWLEDGE TO COLLABORATE IN THE MAKING OF BETTER, MORE ELEGANT, MORE INTUITIVE, MORE SUSTAINABLE, SPACES, SYSTEMS, SERVICES AND EXPERIENCES. OUR AIM IS TO ENHANCE QUALITY OF LIFE FOR PEOPLE, RECONNECT WITH NATURE AND ADDRESS IMPACTS OF CLIMATE CHANGE AT SCALE.

OUR OPERATIONS FOCUS AROUND FOUR PILLARS:

**DEVELOPMENT.
DESIGN.
SUSTAINABILITY.
RESEARCH.**



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KEY INFORMATION

Role: Graduate Engineer - Better Buildings - FULL TIME.
Location: 330 Park Street Collective - Carlton North.
Starting: March 2018.

PURPOSE

Apply strong technical skills and analytical frameworks to support the Better Buildings team's design-led advice and action, to drive effective and ambitious integration of environmental, social and economic sustainability in the built environment.

Assist in the continual improvement of the quality of analysis and advice provided by our team, maintaining our continued pursuit of genuine impact for positive change within the built environment.

EXPERIENCE AND
ATTRIBUTES

- A relevant qualification in Engineering, Sustainable Design or a related discipline is essential. A qualification in Mechanical Engineering is desirable.
- A minimum of 6 months experience in a comparable role involving delivery of sustainability and/or engineering consultancy services is essential.
- Strong technical skills and knowledge of subjects including energy and daylight modelling, passive design, water sensitive design, sustainable servicing strategies, materials and embodied emissions is essential.
- Knowledge of local building codes and standards.
- Experience in use of modelling software, preferably including IES VE and FirstRate5.
- Excellent data management and analysis skills, including advanced Excel skills, highly desirable.
- Industry accreditation / experience using frameworks and tools such as Green Star, One Planet Living, Living Building Challenge is desirable.
- Great written and verbal communication skills are critical.
- Ability to think logically, analyse and assess opportunities and risks and identify solutions and outcomes.
- A strong understanding of design thinking principles and the ability to understand and adopt a design-led approach to problem solving.
- Ability to identify opportunities to continuously improve processes and practices.
- Excellent time management skills and a collaborative approach to work.
- Deep alignment with our values and an active interest in design and sustainability is essential for any of our people.



TASKS

TECHNICAL ANALYSIS AND SPECIFICATION

- Apply understanding of building physics and undertake analysis across all aspects of high performance buildings and cities.
- Using modelling software carry out daylight, thermal comfort, annual energy, peak load and other modelling to inform a proactive, evidence-based design process.
- Assist in the research, analysis and specification of key sustainability measures and strategies including: thermal fabric, building and precinct-scale energy, water, waste, transport, materials, systems, products and ecology.
- Deliver NCC Section J compliance and associated reporting.
- Use Excel and other relevant tools to perform data analysis.

COMMUNICATION OF ADVICE

- Report drafting under guidance, assist in preparation of client presentations, contribute to workshop planning and facilitation.
- Assist in providing timely and accurate advice to clients throughout the planning, design, construction and operation of their assets.

OPPORTUNITY DEVELOPMENT AND INDUSTRY PARTICIPATION

- Create and sustain relationships with clients and collaborators with aligned business values.
 - Assist in proposal drafting, budgeting and resource planning.
 - Represent HIP V. HYPE Sustainability through attending and participating in industry events.
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OUR VALUES

We believe in the power of a collaborative, design led approach.

We believe in building relationships.

We believe in the potential of smart, thoughtful and passionate people who are driven to achieve better.

Our aim is to remain agile and open-minded to facilitate an environment that enables our people to pursue relevant and meaningful purpose driven work.

We will not compromise on our values:

- Continuity and Authenticity is everything: say what you mean and mean what you say.
- We don't want to be interesting, we want to be good.
- We seek work that is meaningful, evidence-based and challenges the status quo - "It's more fun being a pirate than joining the navy".
- We acknowledge effort, share success and act with compassion: We collaborate, we don't compete.
- We question everything and always seek to understand - WHY.
- We don't believe the Hype.
- We always seek to be better and to do better.
- And importantly, we take our work seriously, not ourselves...!

INTERESTED?

**SHOOT THROUGH A ONE-PAGE PITCH AND CV TO
WEDESERVEBETTER@HIPVHYPE.COM**