



POSITION DESCRIPTION

POSITION DETAILS			
Position Title:	Summer Intern – Assistant Mechanical Engineer	Date:	July 2025
Division (Country):	New Zealand	Approved By (Title):	Manager, Technical
Primary Location (Site):	Motunui	Reports To (Title):	Engineering Team Leader
Department:	Technical	Direct Reports:	Not Applicable

METHANEX NEW ZEALAND
<p>Methanex New Zealand Limited is the country's only methanol manufacturer in Taranaki and is a wholly owned subsidiary of Canadian-based Methanex Corporation. About 95 per cent of our product is exported to the Asia Pacific region, making the company a leading exporter for New Zealand.</p> <p>Methanol manufacturing is a three-stage process – Reforming, Compression/Conversion and Distillation. Methanol is everywhere – the paint on the walls, the polyester and nylon in carpets and furniture, plastics, silicone sealants all of these and more are derived from methanol.</p>

POSITION PURPOSE
To provide mechanical engineering support for air receiver inspections and pipe specifications.

DUTIES AND RESPONSIBILITIES
KEY ACCOUNTABILITIES AND RESULTS /DELIVERABLES
<p>Air receiver inspections</p> <ul style="list-style-type: none"> In relation to the four air receiver vessels which do not have asset numbers allocated and therefore no routine inspections are being carried out: <ul style="list-style-type: none"> Generate asset numbers and datasheets for these vessels Create inspection and test plans for the vessels Create inspection routines in our asset management system (Maximo) <p>Pipe specifications.</p> <ul style="list-style-type: none"> In relation to the 104 pipe specifications which are either redundant, or in a marked-up state: <ul style="list-style-type: none"> Prioritise the list of specifications with our Senior Mechanical Engineer Convert the existing specification into the new template, including any required revision updates Generate a PDF version, adding it into our document control system ProjectWise

LEADERSHIP		
(The shaded box indicates which Leadership apply to the position)		
Coordinates	Supervises	Manages
Guides work of others who perform essentially the same work. May organize, set priorities, schedule and review work, but has little to no responsibility to hire, terminate, review performance or make pay decisions.	Supervises work of others, including planning, assigning and scheduling work, reviewing work and ensuring quality standards, training staff and overseeing their productivity. May offer recommendations for hiring, termination and pay adjustments, but does not have responsibility for making these decisions.	Supervises work of others, including planning, assigning, scheduling and reviewing work, ensuring quality standards. Is responsible for hiring, terminating, training and developing, reviewing performance and administering corrective action for staff.

METHANEX CORE COMPETENCIES		
(The shaded box indicates which Methanex Core Competencies apply to the position)		
Individual Contributor	Managers, Supervisors, or Senior Individual Contributors	Senior Manager or Leader
Decision Quality Peer Relationships Drive for Results Self-Development Customer Focus Cross-Cultural Sensitivity	Dealing with Ambiguity Organisational Agility Developing Direct Reports and Others Managerial Courage Planning Cross-Cultural Agility	Strategic Agility Building Effective Teams Managing Vision and Purpose Motivating Others Sizing up People Global Business Knowledge

VISION AND VALUES	
Methanex Vision and Values	<p>Contributes to the organisational vision of Global Methanol Leadership and as a team member demonstrates the core values of integrity, trust, respect, professionalism and teamwork</p> <p>Undertakes all aspects of the role through living the Methanex values</p> <p>Demonstrated through feedback from team and leaders</p>
Responsible Care	Conducts all business in a manner which supports the Responsible Care® ethic

HEALTH AND SAFETY BEHAVIOURS			
(The shaded box indicates which Health and Safety Behaviours apply to the position)			
Topic	Everyone	Supervisors	Managers
Standards	Follow rules	Deliver health and safety excellence	Set high standards
Communication	Speak up	Encourage the team	Communicate openly
Risk Management	Be mindful	Promote risk awareness	Confront risk
Involvement	Get involved	Involve the team	Involve the workforce

POSITION SPECIFIC COMPETENCIES
<ul style="list-style-type: none"> • Decision Making • Ethics and Values • Integrity and Trust • Problem Solving • Written Communication • Results driven and goal orientated • Well organised • Communicates well within own group and other departments • Adapts well to change

KEY WORKING RELATIONSHIPS
(Internal and External)

- Manager, Technical
- Engineering Team Leader
- All members of the Technical Department
- Maintenance team
- Asset Integrity Team

KNOWLEDGE, SKILLS AND EXPERIENCE

- Completed 2nd or 3rd year of Mechanical or Mechatronics Engineering degree
- Fundamental knowledge of mechanical equipment
- Ability to read and interpret engineering drawings and datasheets
- Self motivated and comfortable to ask for help
- High attention to detail
- Competent in MSOffice suite of products
- Ability to pick up new software systems in the workplace

OTHER BACKGROUND INFORMATION

- Available transport to Methanex site in Motunui required (public transport is not available)