

## JOB DESCRIPTION

Title	<b>Laboratory Microbiologist (Water / Waste Water Analysis)</b>	Job Classification Number	
Department /Project	<b>Laboratory</b>	Job Family Number	
Reports to	<b>Senior Laboratory Specialist</b>	Effective Date	

**MAIN PURPOSE OF JOB**

To examine and evaluate the growth, structure, development activity and other characteristics of microscopic organisms such as bacteria, etc at different process stages.

**JOB OBJECTIVES**

1. To conduct microbiological tests to detect bacteria and other harmful micro-organism count in system influent and effluents
2. To prepare technical reports and recommendations related to all micro biological tests.
3. To assist in the maintenance of methods in accordance with recognised international standards.
4. To provide analysis that meets the requirements of the quality system.
5. 3 years experience in Micro analysis for water & wastewater and familiar with ISO 17025 standards

**ESSENTIAL WORK ACTIVITIES**

- Analysing / Integrating / Interpreting
- Info from / Using instruments
- Working with Equipment / Machinery
- Collecting information
- Using keyboard devices
- Estimating / Evaluating
- Calculating / Counting

**SAFETY AND QUALITY RESPONSIBILITIES**

- Maintain standards of safety and comply with Company’s Health, Safety and Environment Management System requirements.
- Take reasonable care of own health and safety and that of others in the workplace.
- Follow and maintain Company standards of Quality in accordance with Company Quality System requirements

**EDUCATION, SKILLS AND EXPERIENCE**

Essential:

- A Bachelor of science degree in Microbiology
- Knowledge of Membrane Filtration or any cultivation methods
- Most probable number method
- Awareness of Pathogenic Micro Organisms
- Computer Knowledge
- 2 to 5 years of Work experience in a similar Position

Desirable:

- Familiar with ISO 17025 requirements

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