



## MACAW ENGINEERING LTD JOB DESCRIPTION

<b>Job Title:</b>	Senior Integrity Engineer (Plant & Facilities)
<b>Section:</b>	Integrity Services Group
<b>Responsible to:</b>	Integrity Services Group Leader
<b>Responsible for:</b>	Senior Integrity Engineers & Integrity Engineers
<b>Job Purpose:</b>	To deliver integrity projects designated by the Integrity Group Leader to quality, time and cost.

MACAW Engineering Ltd are looking to recruit a Senior Integrity Engineer with experience in risk based inspection and assessment of onshore process plant and pipework.

### Skills Required:

- Normally a minimum of 5 years proven plant / pipeline integrity experience
- Technical background in the development and implementation of risk based inspection systems in accordance with API 580 / 581
- Experience of internal and external corrosion diagnosis and mitigation
- Knowledge of NDE inspection technologies and experience of reviewing and interpreting associated inspection data
- Excellent communicator with a track record in delivering technical presentations
- Experience in the technical management of plant / pipeline integrity projects
- Educated to degree level or equivalent in related discipline

### Skills Preferred:

- Experience with the inspection, assessment and maintenance of process pipework in accordance with API 570
- Assessment of metal loss features using industry recognized criteria including RSTRENG, DNV RP F101 etc.
- Assessment of crack-like features using industry guidance such as BS 7910, API 579
- Condition assessment of pressure vessels, process pipework and tanks
- Development of Technical and Commercial Proposals
- Membership of a Professional Engineering Institution

### Additional Information:

- Must be willing and able to travel