

Job Description	 newterra™ smart technology. sustainable solutions.™	Procedure No.	MFG.JD.011
		Revision	0
Date		May 18, 2018	
Owner/Approver		J Lindsay	
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System Tester

DEPARTMENT: Production (Electrical)
ACCOUNTABLE TO: Electrical Supervisor

JOB SUMMARY

The System Tester is responsible for testing Newterra water treatment systems according to their designed function, engineered drawings and documentation to ensure that the all aspects of the system function as intended.

RESPONSIBILITIES/DAILY TASKS

- Test Newterra water treatment systems to ensure compliance to the engineered drawings and documentation.
- Follow testing processes
- Document all testing in the testing documentation including Control Narrative
- Follow the Setup for Test documentation
- Troubleshoot problems (electrical, mechanical, programing, process). When appropriate engage Engineering, Production, Project Management and others to resolve the problem and prevent re-occurrence.
- Complete system test as per Project Schedule
- Communicate with various departments to ensure success of system test and a smooth startup
- Report issues found into quality tracking system
- Responsible for performing duties in a safe manner and promoting safety to others in accordance with Newterra's safety policies and procedures. This includes reporting all safety concerns, near-misses and incidents to their Manager
- Adhere to the company processes as detailed in Newterra's Business Management System (BMS) and bring forward ideas for continuous improvement
- Responsible for completing all assigned training applicable to your position in the applicable timeframe.
- Complete all responsibilities while ensuring adherence to Newterra's Delegation of Authority.

QUALIFICATIONS

- Electrical or Controls/Instrumentation Technologist or equivalent experience
- Instrumentation Experience (Flow meters, level transducers, float switches, etc.)
- PLC Programming (Allen Bradley, Automation Direct, Schneider)
- Organizational and leadership abilities
- Communication and interpersonal skills
- Working knowledge of word, excel, outlook
- Self-motivated with a results-driven approach
- Problem-solving and troubleshooting skills (electrical, mechanical, programming, and process as asset)
- Attention to detail, meticulous
- Ability to read and interpret engineering drawings
- Ability to work with specified timelines while maintaining focus on quality and safety
- Must have own tools
- Flexibility with working required overtime

HISTORY

Rev	DD/MM/YY	Description	Approved By
0	18/05/18	Initial release	J Lindsay

NOTE 1: This is a CONTROLLED Document as are all quality system files on the server. Any documents appearing in paper form are not controlled and should be checked against the Business Management System located on the server for the latest revision.

Printed copies are for reference only.