

Rifat Rahim, *E.I.T* #100524571

Highly-motivated individual with work experience in the intelligent transportation systems industry. Experienced in testing and troubleshooting of electrical hardware within traffic control cabinets. Eager to gain more experience in the ITS industry. Licensed as an Engineer-in-Training by PEO.

TECHNICAL SKILLS:

SETUP, TROUBLESHOOTING AND EXTENSIVE TESTING SKILLS ON:

- SAFETRAN 33 SERIES TRAFFIC CONTROL CABINETS
- COBALT 1000/2100 AND SAFTRAN ASC3 RACKMOUNT CONTROLLERS
- TS1 REGION OF WATERLOO TYPE CABINETS
- TS2 NEMA TYPE CABINETS SUCH AS P44, MSX AND PLUG AND GO
- 16/12/8 POS MAIN PANELS
- BUS UNIT INTERFACE, LOAD SWITCHES, FLASH TRANSFER RELAYS, FLASHERS
- TECH DBL 800 UPS AND ECONOLITE ZINC UPS SYSTEMS. GENERATOR TRANSFER SWITCHES, SINGLE AND DOUBLE BYPASS SWITCHES
- AUTOSCOPE VISION AND ENCORE CAMERAS
- CMU AND MMU CONFLICT TESTING
- TRAFFIC DETECTOR RACK AND PCA CARD
- RAILROAD PRE-EMPTION PACKAGE. GATEDOWN AND SUPERVISOR RELAY FUNCTIONS.
- LIGHT BOX AND LIGHT BOARD REPAIR (MAINTAIN TEST EQUIPMENT) AND MANY MORE

TRANSFERRABLE SKILLS

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|--------------------------|---------------------|----------------------|
| ✓ Strong Communicator | ✓ Great Leader | ✓ Problem Solver |
| ✓ Quick Learner | ✓ Team Player | ✓ Effective Reporter |
| ✓ Independent Researcher | ✓ Positive Attitude | ✓ Strong Work Ethics |

RELEVANT WORK EXPERIENCE

Test Technician

July 2017-present

Econolite Canada Ltd, Markham

- Perform acceptance testing for traffic control systems produced or distributed by the company including but not limited to; Controllers, Malfunction Management Units, Power Supplies, Bus Interface Units, Communication (telemetry), Detection Systems (video), Signal Preemption and UPS
- Effectively troubleshoot and resolve issues by reading electrical schematics of the cabinet. Communicate with engineers, cabinet lead hand and assemblers to resolve cabinet test findings if necessary
- Update and maintain computer logs pertaining to product quality findings, testing, serial numbers and electrical inspection (CSA)
- Keep product application notes and engineering bulletins regarding the controller hardware and software version specific to regions and cities all over Canada. Perform controller software upgrades or downgrades if required
- Check cabinet layout, take-off, bill of materials, hookup instructions and CAD drawings for mistakes prior to release. Inquire with engineers to resolve any issues found within the documents. Edit CAD blocks if updates are required
- Investigate and respond to corrective action report issued by customers

- Communicate with operation manager to improve assembly and test time of cabinets. Ensure customer promise dates are always met

AWARDS, LICENSES AND CERTIFICATES

- Valid class G Driver's License
- E.I.T designation by PEO
- Ryerson University Entrance and Queen Elizabeth Scholarship

EDUCATION

Bachelor of Electrical Engineering
Ryerson University, Toronto

June 2016