

COMMUNICATIONS TOWER TECHNICIAN
Selection Process I.D. #
6341/0816

EXAMINATION PLAN

- I. **WRITTEN EXAMINATION**
Multiple choice – 25 items
Weight=40%
70% to pass
Time Limit=45 minutes

CONTENT AREA	# OF ITEMS	PERCENTAGE
Building/Tower Construction	5	20
Principles of Electricity	2	8
On the Job Safety Principles	17	68
Welding Principles	<u>1</u>	<u>4</u>
Total	25	100%

Reference Sources:

Comtrains' Tribute to Safety. "Tower Climbing Safety & Rescue", 4th edition.
Elk River Product Instructions for Personal Fall Protection Products. <http://elkriver.com/safety-information-fall-protection/>
Motorola R56 Standards and Guidelines for Communication Site.
<http://www.ronet.co.za/downloads/R56%20Guidelines.pdf>
U. S. Department of Labor, Occupational Safety and Health Administration, (OSHA).
ANSI Z359 Fall Protection Code Standards.
<https://www.osha.gov/SLTC/fallprotection/standards.html>
OSHA Fall Protection in General Industry. <http://www.oshatraining.com/osha-fall-protection-requirements-general-industry.php>
Radio Frequency Systems. www.rfsworld.com
http://www.rfsworld.com/userfiles/pdf/412764b_8ft_installinstr.pdf
Andrew Corporation, Base Station Antennas. www.andrew.com
http://www.commscope.com/catalog/doc/pdf/2102/Broadband_Gain_Antenna.pdf

This examination consists of 25 multiple choice questions. All questions are equally weighted.

- II. **PERFORMANCE EXAMINATION** (Must pass all components to proceed to QAB)
Lifting, Climbing and Physical Stature Tests
Pass/Fail
Time Limit = 30 minutes
- III. **QUALIFICATIONS APPRAISAL BOARD (QAB)**
Weight = 60%
70% to Pass

The QAB is an oral board exam. Unlike a job interview, the QAB is very structured with three board members taking turns asking a set of structured questions. The same questions are asked of each candidate participating in the QAB for the open position.