

COMMUNICATIONS TOWER TECHNICIAN
Selection Process I.D. #
6341/0920

EXAMINATION PLAN

WRITTEN EXAMINATION

Multiple choice – 25 items

Weight = 40%

Pass = 70% or better

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 and Rescue", 4th edition.

Elk River Product Instructions for Personal Fall Protection Products.

Motorola Standards and Guidelines for Communication Sites R56 2.12.8

U. S. Department of Labor, Occupational Safety and Health Administration, (OSHA). ANSI Z359 Fall Protection Code Standards.

OSHA Fall Protection in General Industry.

Radio Frequency Systems. www.rfsworld.com

http://www.rfsworld.com/userfiles/pdf/412764b_8ft_installinstr.pdf

COMMSCOPE. Base Station Antennas. <https://www.commscope.com/resources/eBooks/Base-Station-Antenna-Solutions-eBook/>

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

PERFORMANCE EXAMINATION (Must pass all components to proceed to QAB)

Lifting, Climbing and Physical Stature Tests

Weight = Pass/Fail

Time Limit = 30 minutes

QUALIFICATIONS APPRAISAL BOARD (QAB)

Weight = 60%

Pass = 70% or better

The QAB is an oral board examination. Unlike a job interview, the QAB is very structured with multiple board members taking turns asking candidates a set number of questions. The same questions are asked of each participant in the QAB for the open position. Since this is an exam, neither candidates nor panel members can ask follow-up or clarifying questions.