

**FACILITIES MAINTENANCE TECHNICIAN
(HVAC / REFRIGERATION MECHANIC)
Selection Process I.D.#
3306/0521**

EXAMINATION PLAN

Written Examination
Multiple-choice 50 items
Weight = 100%
Pass = 70% or better
Time Limit = 1 hour 45 minutes

<u>CONTENT AREA</u>	<u># OF ITEMS</u>	<u>PERCENTAGE</u>
1. Safety Principles (1 - 5)	5	10
2. Interpersonal Relations and Public Contact (6 - 8)	3	6
3. Heating Principles (9 - 11)	3	6
4. Basic Electrical Concepts (12 - 18)	7	14
5. Theory of Refrigeration (19 - 31)	13	26
6. Refrigeration Controls (32 - 35)	4	8
7. Troubleshooting Refrigeration Systems (36 - 50)	<u>15</u>	<u>30</u>
TOTAL	50	100.0%

Reference Sources:

Althouse, Andrew D., Turnquist, Carl H., and Bracciano, Alfred F. *Modern Refrigeration and Air Conditioning: Theory, Practice of Refrigeration and Air Conditioning Systems*. 1968. (14 items)

Back to Backs: A Guide to Preventing Back Injury. Krames Communication, 1984. (3 items)

Fulton, Patsy J., and Joanna Hanks, *Procedures for the Office Professional*. 2nd Ed, South-Western Publishing Company, 1990. (1 item)

National Safety Council, *Accident Prevention Manual for Industrial Operations*. Seventh Edition, 1974. (2 items)

RSI Training International Manual. 1992. (5 items)

RSI Training International Workbook. 1992. (16 items)

Rubin, Melanie. *Are You With Me?: Common Courtesy on the Phone*. CDM Press, 1998. (1 item)

Truitt, John. *Phone Tactics for Instant Influence*. Dembner Books, 1990. (1 item)

This examination consists of 50 multiple choice questions, all equally weighted.