

**MT. LEBANON FIRE DEPARTMENT  
WRITTEN EXAMINATION EXPLANATION & REFERENCE LIST FOR  
FIRE LIEUTENANT**

The written test is an Officer-Level Promotional Examination consisting of 205 multiple-choice questions taken from the texts referenced below. Applicants will be allotted three (3) hours to complete the written examination. In addition, applicants will take a Video-Based Human Relations Test which includes 28 Scenarios and 76 Questions and an Animated Mechanical Aptitude Test which includes 36 Questions.

The Video-Based Human Relations Test focuses on teamwork and human relations skills and was specifically designed for firefighters. Applicants will watch a video segment, then choose the BEST course of action in a multiple-choice format. Once the applicant has chosen the BEST possible course of action, they will be asked to identify the WORST possible course of action. This test is presented on video and the items play without stopping. The applicant will have 10 seconds to answer each question.

The Animated Mechanical Aptitude Test is a multiple-choice mechanical aptitude test presented on video. Most of the questions are about basic mechanical objects such as valves and principles such as water pressure. The applicant will also be asked to answer trouble shooting type questions and observe system operations for problems. All of the questions can be answered based on common sense and observation of how everyday objects work.

Multiple Choice Written Examination	8:30 AM – 11:30 AM	3 Hours
Video-Based Human Relations Test	1:00 PM – 2:00 PM	57 Minutes
Animated Mechanical Aptitude Test	2:15 PM – 3:00 PM	42 Minutes

**PUBLISHER/TITLE/EDITION**

1. IFSTA, Essentials of Fire Fighting, 7th Edition
2. IFSTA, Fire & Emergency Services Company Officer, 5th Edition
3. IFSTA, Pumping & Aerial Apparatus Driver/Operator Handbook, 3rd Edition
4. FEMA Incident Command System IS – 100.c and IS – 200.c