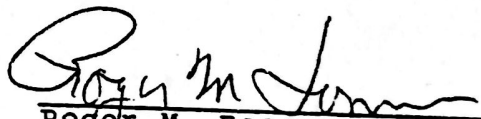


- FINDINGS:**
1. Found dead at home with:
    - A. History of very heavy exposure to toxic concentrations of heavy metals and gasses in a firing range;
    - B. Severe pulmonary edema;
    - C. Inflammatory changes of lungs, microscopic.
  2. No evidence of other trauma or significant natural disease.

**CONCLUSION:** It is my opinion that Thomas C. Kelly, a 35-year-old white male, died as a result of acute respiratory failure with severe pulmonary edema due to prolonged exposure to toxic concentrations of heavy metals and gasses in a firing range. He was the firing range training officer for his police department during a very heavy time of firing in a relatively confined space in the 3 or 4 days immediately prior to his death. The death occurred suddenly and the only positive findings at autopsy were severe pulmonary edema. Multiple sections of heart were examined with negative results. Chemical analysis of body fluids revealed an elevated level of lead and of zinc protoporphyrin, consistent with the toxic environment exposure as indicated. The microscopic lung changes are consistent with toxic injury.

**ATTACHED:** Toxicological Report. (2)

**MANNER OF DEATH:** Accident.

  
Roger M. Fossum, M.D.  
Chief Medical Examiner

RMF:jlc