

during the preliminary cleaning full protective equipment was used. It was then decided that work could continue without protection. A total of eight men were involved on the job which included a pipefitter who did no cleaning. Of the eight men seven entered the tank for various periods of time without respiratory protection and six of the seven had varying degrees of clinical evidence of TEL intoxication varying from very minor and somewhat questionable to severe and fatal. One of these six who had a clinical diagnosis of very mild intoxication passed urine which contained only 0.08 mg. Pb/Liter but the sample was obtained 14 days after the onset of symptoms.

No correlation can be demonstrated between the estimated time spent in the tank of the various men and the severity of illness but it is believed that the accurate in tank time is not known.

8 men involved on job.
7 entered without respiratory equipment.
6 were ill.
2 were severely ill.
1 died.

Factors responsible:

1. Failure to wear mask.
2. Steaming of tank.

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