

عنوان مقاله:

study of lead concentration in the air of gasoline stations of Kerman city

محل انتشار:

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خلاصه مقاله:

in order to measure the concentration of lead in air of six Kerman gasoline stations, 10 air samples were collected from each between 8:30-12:30 a.m. and then analyzed. lead concentration was determined by atomic absorption spectrometers. the maximum and minimum of lead concentration were 0.83 mg/m^3 and 0.41 mg/m^3 in Khorshid and shahab gasoline stations, respectively. all of the samples were compared with a control station in which the concentration of lead ranged from 0.08 mg/m^3 to 0.16 mg/m^3 . the daily peak lead concentration was between 9:30-12:30 a.m. the mean value in all six stations, was significantly higher than control. in addition, lead concentration in all gasoline stations were lower than lead, s TLV in workplace due to lack of inversion phenomenon in Kerman city.

کلمات کلیدی:

Lead, gasoline station, Kerman

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