

A standard toeboard shall be at least 3-1/2 inches in height and may be of any substantial material either solid or open, with openings not to exceed 1 inch in greatest dimension. 1926.502(j)(3)

Toilets

Toilets shall be provided according to the following: 20 or fewer persons—one facility; 20 or more persons—one toilet seat and one urinal per 40 persons; 200 or more persons—one toilet seat and one urinal per 50 workers. 1926.51(c)(1)



This requirement does not apply to mobile crews having transportation readily available to nearby toilet facilities. 1926.51(c)(4)

Underground Construction

The employer shall provide and maintain safe means of access and egress to all work stations. 1926.800(b)(1)

The employer shall control access to all openings to prevent unauthorized entry underground. 1926.800(b)(3)

Unused chutes, manways, or other openings shall be tightly covered, bulkheaded, or fenced off, and shall be posted with signs indicating "Keep Out" or similar language. Complete or unused sections of the underground facility shall be barricaded. 1926.800(b)(3)

Unless underground facilities are sufficiently completed so that the permanent environmental controls are effective and the remaining construction

activity will not cause any environmental hazard or structural failure within the facilities, the employer shall maintain a check-in/check-out procedure that will ensure that aboveground designated personnel can determine an accurate count of the number of persons underground in the event of an emergency. 1926.800(c)

All employees shall be instructed to recognize and avoid hazards associated with underground construction activities. 1926.800(d)

Hazardous classifications are for "potentially gassy" and "gassy" operations. 1926.800(h)

The employer shall assign a competent person to perform all air monitoring to determine proper ventilation and quantitative measurements of potentially hazardous gases. 1926.800(j)(1)(i)(A)

The underground atmosphere shall be tested for oxygen, and in addition to other potentially present toxic gases, dusts, vapors, mists, and fumes, the atmosphere shall be tested quantitatively for carbon monoxide, nitrogen dioxide, and hydrogen sulfide. 1926.800(j)(1)(ii)(A) and (iii)(A)

Fresh air shall be supplied to all underground work areas in sufficient quantities to prevent dangerous or harmful accumulation of dust, fumes, mists, vapors, or gases. 1926.800(k)(1)(i)

Wall Openings

Each employee working on, at, above, or near wall openings (including those with chutes attached) where the outside bottom edge of the wall opening is 6 feet or more above lower levels and the inside bottom edge of the wall opening