

Chapter Ind 3

**MINES, PITS AND QUARRIES**

Ind 3.01	Scope	Ind 3.12	Electricity
Ind 3.02	Definitions	Ind 3.13	Compressed air and boilers
Ind 3.03	Ground control	Ind 3.14	Use of equipment
Ind 3.04	Fire prevention and control	Ind 3.15	Personal protection
Ind 3.05	Air quality, ventilation and radiation	Ind 3.16	Materials storage and handling
Ind 3.06	Ventilation and radiation	Ind 3.17	Illumination
Ind 3.07	Drilling	Ind 3.18	Safety programs
Ind 3.08	Rotary jet piercing	Ind 3.19	Man hoisting
Ind 3.09	Loading, hauling, dumping	Ind 3.21	Gassy mines
Ind 3.10	Aerial tramways	Ind 3.23	Miscellaneous
Ind 3.11	Travelways and escapeways		

**QUARRIES AND PITS, Ch. Ind. 2, History:** 1-2-56; Ind 2.01 to Ind 2.20, inclusive, were repealed, and Ind 2.01 to Ind 2.09, inclusive, and Ind 2.11 to Ind 2.14, inclusive, were created, Register, April, 1958, No. 28, eff. 5-1-58; Ch. Ind 2 was repealed, Register, April, 1972, No. 196, eff. 5-1-72.

**MINES, Ch. Ind 3, History:** 1-2-56; r., Register, April, 1972, No. 196, effective 5-1-72.

**MINES, PITS AND QUARRIES, Ch. Ind 3, History:** Recreated, Register, April, 1972, No. 196, effective 5-1-72.

**Ind 3.01 Scope.** The provisions of this code shall apply to all openings or excavations in earth for the purpose of extracting minerals or other products, and equipment related to processing and/or manufacturing of ores, aggregates, cements, lime, clay, and silica sands.

**Note:** The following rules are based on those of Title 30—Mineral Resources, Chapter 1—Bureau of Mines, Department of the Interior, published in the Federal Register, Volume 34, No. 145, July 31, 1969.

**History:** Cr. Register, April, 1972, No. 196, eff. 5-1-72.

**Ind 3.02 Definitions.** (1) **ABANDONED MINE.** All work has stopped on the mine premises and an office with a responsible person in charge is no longer maintained at the mine.

(2) **ABANDONED WORKINGS.** Deserted mine areas in which further work is not intended.

(3) **ACTIVE WORKINGS.** Areas at, in, or around a mine or plant where men work or travel.

(4) **ADVISORY.** A recommended safe practice as opposed to a mandatory rule. See Appendix A.

(5) **APPROVED.** Tested or accepted by the department of industry, labor and human relations for a specific purpose.

**Note:** The department may accept nationally recognized standards.

(6) **AUTHORIZED PERSON.** A person approved or assigned by management to perform a specific type of duty or duties or to be at a specific location.

(7) **AUXILIARY FAN.** A fan used to deliver air to a working place off the main airstream; generally used with ventilation tubing.

(8) **BARRICADED.** A means to prevent the passage of persons, vehicles, or flying material.

(9) **BERM.** A pile or mound of material capable of restraining a vehicle.

(10) **BOOSTER FAN.** A fan installed in the main airstream or a split of the main airstream to increase airflow through a section or sections of a mine.

(11) **COMBUSTIBLE.** Capable of being ignited and consumed by fire.

(12) **COMPANY OFFICIAL.** A member of the company supervisory or technical staff.

(13) **COMPETENT PERSON.** A person having abilities and experience that fully qualify him to perform the duty to which he is assigned.

(14) **DEPARTMENT.** The department of industry, labor and human relations.

(15) **DISTRIBUTION BOX.** A portable apparatus with an enclosure through which an electric circuit is carried to one or more cables from a single incoming feed line; each cable circuit being connected through individual overcurrent protective devices.

(16) **ELECTRIC GROUNDING.** To connect with the ground to make the earth part of the circuit.

(17) **EMPLOYEE.** A person who works for wages or salary in the service of an employer.

(18) **EMPLOYER.** A person or organization which hires one or more persons to work for wages or salary.

(19) **ESCAPEWAY.** A passageway by which persons may leave if the ordinary exit is obstructed.

(20) **EXPLOSIVE.** Any chemical compound, mixture, or device, the primary or common purpose of which is to function by explosion. Explosives include, but are not limited to black powder, dynamite, nitroglycerin, fulminate, ammonium nitrate when mixed with a hydrocarbon, and/or other blasting agents.

(21) **FACE OR BANK.** That part of any mine, pit, or quarry where excavating is progressing or was last done.

(22) **FLAMMABLE.** Capable of being easily ignited and of burning rapidly.

(23) **FLASH POINT.** The minimum temperature at which sufficient vapor is released by a liquid or solid to form a flammable vapor-air mixture at atmospheric pressure.

(24) **HIGHWAY.** Any public street, public alley, or public road.

(25) **HIGH POTENTIAL.** More than 650 volts.

(26) **HOIST.** A power-driven windlass or drum used for raising ore, rock, or other material from a mine, and for lowering or raising men and material.

(27) **LAY.** The distance parallel to the axis of the rope in which a strand makes one complete turn about the axis of the rope.