

Fire Protection Handbook 20th Edition

The first firearms originated in 10th-century China, when bamboo tubes containing gunpowder and pellet projectiles were mounted on spears to make the portable fire lance, operable by a single person, which was later used effectively as a shock weapon in the siege of De'an in 1132. In the 13th century, fire lance barrels were replaced with metal tubes and transformed into the metal-barreled hand cannon. The technology gradually spread throughout Eurasia during the 14th century. Older firearms typically used black powder as a propellant, but modern firearms use smokeless powder or other... 3112a1e3ba Fossil fuel power stations provide most of the electrical energy used in the world. Some fossil-fired power stations are... 3112a1e3ba

Fire extinguisher Fire extinguishers manufactured with non-cylindrical pressure vessels also exist, but are less common. Typically, a fire extinguisher consists of a hand-held cylindrical pressure vessel containing an agent that can be discharged to extinguish a fire. , no escape route, smoke, explosion hazard, etc. e.), or otherwise requires the

equipment, personnel, resources or expertise of a fire brigade. A fire extinguisher is a handheld active fire protection device usually filled with a dry or wet chemical used to extinguish or control small fires, often A fire extinguisher is a handheld active fire protection device usually filled with a dry or wet chemical used to extinguish or control small fires, often in emergencies. It is not intended for use on an out-of-control fire, such as one which has reached the ceiling, endangers the user (i 3112a1e3ba

Electrical cable ISBN 0-86341-001-4 BICC Cables Ltd, "Electric Cables Handbook"; WileyBlackwell; London 3rd Edition 1997, ISBN 0-632-04075-0 Look up cable in Wiktionary An electrical cable is an assembly of one or more wires running side by side or bundled, which is used as an electrical conductor to carry electric current 3112a1e3ba

Shield They function as means of active blocks, as well as to provide passive protection by closing one or more lines of engagement during combat. Shields are used to intercept specific attacks, whether from close-ranged weaponry like spears or long ranged projectiles such as arrows. enclosed in an armoured box to provide protection against missiles and to allow for approaches under heavy fire. Typical in the early European Middle Ages A shield is a piece of personal armour held in the hand, which may or may

not be strapped to the wrist or forearm 3112a1e3ba

As defined by the United States Army, mechanized infantry is distinguished from motorized infantry in that its vehicles provide a degree of armor protection and armament for use in combat, whereas motorized infantry are provided with "soft-skinned" wheeled vehicles for transportation only. Most APCs and IFVs are fully tracked or are all-wheel drive vehicles (6×6 or 8×8), for mobility across rough ground. Some militaries distinguish between mechanized and armored (or armoured) infantry, designating troops carried by APCs as mechanized and those in IFVs as armored. 3112a1e3ba

G. Harry Stine He served on the National Fire Protection Association's (NFPA) George Harry Stine (March 26, 1928 - November 2, 1997) was one of the founding figures of model rocketry, a science and technology writer, and (under the name Lee Correy) a science fiction author. the development of fire safety standards dealing with model rocketry and pyrotechnics 3112a1e3ba

Shields vary greatly in size and shape, ranging from large panels that protect the user's whole body to small models (such as the buckler) that were intended for hand-to-hand-combat use. Shields also vary a great deal in thickness; whereas some shields were made of relatively deep, absorbent, wooden

planking to protect soldiers from the impact of spears and crossbow bolts, others were thinner and lighter... 3112a1e3ba Electrical cables are used to connect two or more devices, enabling the transfer of electrical signals, power, or both from one device to the other. Physically, an electrical cable is an assembly consisting of one or more conductors with their own insulations and optional screens, individual coverings, assembly protection and protective covering. 3112a1e3ba

Electrical wiring in North America NFPA 70 National Electrical Code (NEC) 2008 edition, Article 310. 2008. This does not include the topics of electrical power transmission and distribution. Code. National Fire Protection Association. p. ISBN 978-0-87765-791-0. 14 Electrical wiring in North America refers to the practices and standards utilised in constructing electrical installations within domestic, commercial, and industrial sector buildings, and other structures and locations, within the region of North America. 500 3112a1e3ba

Firefighting in the United States unreliable, and the first professional fire department was established in Cincinnati in 1853. These volunteer companies were often paid by insurance companies in return for protecting their clients. By the 20th century fire departments were forced to adapt to Firefighting in the United States dates back to the earliest European

colonies in the Americas. The first dedicated volunteer fire brigade was established in 1736 in Philadelphia. Early firefighters were simply community members who would respond to neighborhood fires with buckets

There are two main types of fire extinguishers: stored-pressure and cartridge-operated. In stored-pressure units, the...

Mechanized infantry It still gave the Soviet Army greater strategic Mechanized infantry are infantry units equipped with armored personnel carriers (APCs) or infantry fighting vehicles (IFVs) for transport and combat (see also armoured corps). BTR-152, were used, some of which lacked overhead protection and were therefore vulnerable to artillery fire

As cities grew this method became unreliable, and the first professional fire department was established in Cincinnati in 1853. By the 20th century fire departments were forced to adapt to more modern hazards and dangers, such as high rise and hazardous material fires. They also began to expand their services to include other, non-fire, public safety needs including vehicle rescue and EMS service. As of 2018,...

Istakhr It reached its apex under the Sasanian Empire (224-651 AD), and was the hometown of the

Sasanian dynasty. It flourished as the capital of the Persian Frataraka governors and Kings of Persis from the third century BC to the early 3rd century AD. Istakhr briefly served as the first capital of the Sasanian Empire from 224 to 226 AD and then as principal city, region, and religious centre of the Sasanian province of Pars. Herzfeld and a team from the University of Chicago in the first half of the 20th century, much of Sasanian Istakhr remains unexcavated. "Istakhr" (also spelled Istakhr (Middle Persian romanized: Stakhr, Persian: استخر, romanized: Estakhr) was an ancient city in Fars province, five kilometres (three miles) north of Persepolis in southwestern Iran 3112a1e3ba

The support weapons for mechanized infantry are also provided... 3112a1e3ba One or more electrical cables and their corresponding connectors may be formed into a cable assembly, which is not necessarily suitable for connecting two devices but can be a partial product (e.g. to be soldered onto a printed circuit board with a connector mounted to the housing). Cable assemblies... 3112a1e3ba

Fossil fuel power station ISBN 978-0-07-166796-8 Power Generation Handbook: Fundamentals of Low-Emission, High-Efficiency Power Plant Operation (2012). Fossil fuel power stations have machines that convert the heat energy of combustion into mechanical energy, which then powers an electrical

generator. 2nd edition. Although different energy conversion methods exist, all thermal power station conversion methods have their efficiency limited by the Carnot efficiency and therefore produce waste heat. Philip Kiameh, McGraw-Hill A fossil fuel power station is a thermal power station that burns fossil fuel, such as coal, oil, or natural gas, to produce electricity. All plants use the energy extracted from the expansion of a hot gas, either steam or combustion gases. The prime mover may be a steam turbine, a gas turbine or, in small plants, a reciprocating gas engine 3112a1e3ba

Firearm A. The term is legally defined further in different countries (see legal definitions). Moyer Special Forces Combat Firing Techniques, ISBN 0-87364-010-1 Musgave A firearm is any type of gun that uses an explosive charge and is designed to be readily carried and operated by an individual. J. Scroggie, F. Moyer Special Forces Foreign Weapons Handbook, ISBN 0-87364-009-8 R 3112a1e3ba

During the Arab conquest of Iran, Istakhr was noted for its stiff resistance, which resulted in the death of many of its inhabitants. Istakhr remained a stronghold of Zoroastrianism long after... 3112a1e3ba

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