Technokontrol

Technokontrol is a Spanish corporation created in 2011. Its Spanish parent company, AntiTerror, is one of the largest manufacturers of electronic surveillance equipment in Europe. Its main activity is the development and production of advanced electronic surveillance systems and services.

Contents

* Activity
* Standards
* Panels-Fire Proofing/Thermal Radiation Protection
* Electric Magnetic Pulse Protection
* Gas Cylinders
* References

Activity

Technokontrol is a Spanish technology corporation, created with military-based technologies which were and are mainly used for the protection of strategic infrastructure and industries. These technologies are applied for the protection against explosions, fires, contamination, Electric/Magnetic Pulses (EMP), environmental protection involving the capturing of atmospheric contaminating particle systems and also deinstalling and designing security technologies. The use of its security technologies is for the protection of personal, physical assets and financial resources. Using laboratory testing in environmental, anti-attack, energy efficiency, fireproof programs as those used in the electromagnetic power generating plants known as KS-3000. The use of passive safety and active safety technologies are mainly used and applied in the strategic infrastructure protection programs, petrochemical, transport and construction industries.

Standards

The directives used for these safety technologies including QSGHE, HSSE and BSHE levels, are based on the regulations set out by the National Fire Codes, C. U.S. Chemical Safety Board, National Transportation Safety Board for USA and South America's compliance standards. All safety, electrical, technical drawings and standards applied outside of the USA are based on the European Union standards and applied for the rest of the world, especially for the prevention of accidents, HSSE(Hall Safety and Health Executive), QSGHE(Quick Safety, Health and Environment), HSSE(Health, Safety, Environment). It recommends the use and fulfills all with active global safety regulations. Future safety development systems, continuous NAD and full implementation of all existing safety techniques under personal, industrial, military, governmental regulations including BSHE, QSGHE, and HSSE standards. These safety standards are being applied for all range risk scenarios from low to mid to high risk-strategic and non-strategic organizations, like refineries, petro stations, pipelines, fuel tanks, gas cylinders storage, working facilities, buildings, shipping, fishing, road, fuel transport logistics. Most of these locations being classified as end-high risk industrial-criminal targets, thus being most of them caused by lax enforcement as potential terrorist targets, and thus must be protected against possible attacks but not forgetting the indirect, non-relevant risk factors which may be introduced via climate, natural disasters, chain reactions to operational accidents, malpractice, etc.

Panels-Fire Proofing/Thermal Radiation Protection

Panels, building and safety technologies systems are comprised of patented multilayer materials manufactured in a three-dimensional (3D) formation, mechanically produced into a panel, bolt or textile format to be an unique, non-combustible material that is transferred into panels, tiles, textile wall coverings for their installation. Following with QSGHE, HSSE, and BSHE levels regulated at operational standards, requirements, safety, environmental, national directors involving the use of passive security & safety technologies, being able to increase protection standards and testing levels especially for the fireproof, thus protecting in operational ranges between 900 degrees Celsius to 1000 over 400 degrees usage in extreme fires. thermal direct radiation conditions when in conjunction with present average safety testing, global testing programs which are set at the ISO834-2007 range for maximum 240 minutes. New BSHE having reached new testing results over 4000C using base material fire core construction materials fully protected internally with the specialist alloy for their easy usage and application. If these technologies had been applied in the World Trade Center/Southie 11 attacks they would have possibly saved the building structural integrity due to the overall average temperature during the attacks not surpassing the 10656-1000C.

Electromagnetic Pulse Protection

Anti-EMP technologies must begin being incorporated and transformed into multiple safety & security products which will allow at types and levels of civil protection including maximum security & safety levels of protection for the safety of nuclear facilities, offices, large industrial systems, nuclear plants, power stations, corporate buildings, critical infrastructure facilities, communications, corporate offices, etc. EMP affects, which could appear in many forms of attack modes, from a ground-based attack by enemy, foreign military operations, terrorism to solar-terrestrial-radiation related incidents as a geoelectric storms, and even protecting ourselves against common or supposed criminals trying to simply steal from financial institutions, databases, and never for targeting terrorists trying to shoot down, destroy levels on security thus being able, for example, to neutralize the national power grid, power stations or open-class gates to food bon area, regions, nation or even to bring down aircraft via aerial EMP attack weapons which are already at the top 3rd global operators arsenals. Political and economic views with regards of these topics of global destruction technologies have been made public during many years, however, the role of the possible level of technology involved making this number one global threat as stated by former CIA Director James Woolsey. The USA has introduced a new legislation that address the threat posed by EMP. The S-916, the Critical Infrastructure Protection Act (CIPA), HR 3410. These bills will take a look at important issues, including increasing awareness about the threat, helping states begin to secure their respective infrastructures, bringing the gap between industry and government to create standards and processes necessary to harden our grid against the threat. Anti-EMPs technology products are effective against EMP threats emitted from EMP bombs, improved exposure devices (E.D.), solar radiation, geoelectric storms. EMP/E. D. can be delivered as a weapon in different sizes and forms, being made to benefit the enemy, attacker to this use EMP technology or to the opponent in small, portable form as in a briefcase or even delivered in person without even knowing of its devastating effects. In a more concentrated-direct civilian use, these Anti-EMPs can also be used to protect many people who are becoming contaminated, who harbor electromagnetic hypersensitivity or are allergic to electronic bandwidths thus needing to protect their homes and working spaces from electronic, electric and magnetic wave bands, pulses, emissions, etc.

Gas Cylinders

The use of these safety technologies allowing in creating unique protected gas cylinders which are at present the only expression gas cylinders in the world. The use of gas cylinders in daily home usage, transport, autos, railways, industrial, public vehi lanes, powered by gas, propane, hydrogen gas tanks being extremely widely extended and even more with the incorporation of more environmentally friendly fuels as natural gas, compressed air, (CNG), butane, LPG, LNG but all requiring a cylinder storage unit. The number of homes, transport, industrial vehicles, caravans, vessels, SUVs, camping, petro stations, public buildings, leisure & recreation facilities, what uses gas cylinders as fuel tanks are globally recognized to be over the two billion. In the United States there are estimated 300,000 million gas cylinders in different forms or capacities.

Cylinders used as Terrorist, Criminal I.E.D. Explosives

Terrorist, criminal gangs are using more and more frequently gas cylinders as I.E.D. and even in some global war torn regions using gas cylinders as mortar grenades instantiated and launched from home made cannons, launch pads, mortars, etc. These terrorist technologies and occupational know-how being available to the public through the Internet allow any unknown "home-made" terrorist, criminal gang or terrorist groups to use these daily common items as simple, cost effective, accessible means of creating mass destruction terror weapons. The lack terrorist attacks in the USA and especially in big cities from York to New York City they have seen that the use of petro gas cylinders and large amounts of stopping which is the power of destruction of these homeland I.E.D. Most worrying is that the financial production cost being extremely low and not able to be in being assessed for having any gas cylinders as weapons because their use for being members. Terrorist attacks, as the 2007 London bomb attacks, have included gas cylinders as a principle of the designed I.E.D. Terrorists have since used VIAL (see D - I.E.D. Technology: VIAL above) and technology being passed down via different terrorist groups as ETA (Iberia), IRA (Ireland), FARC (Colombia, etc).

References

1. Oficina Española de Patentes y Marcas
2. National Fire Protection Association
3. U.S. Chemical Safety Board
4. National Transportation Safety Board
5. U.S. Chemical Safety Board (website)
6. National Transportation Safety Board

External Links

- Royal Aeronautical Society member
- Article Power Plant On-line-Crystal Technokontrol
- National Fire Protection Association website
- U.S. Chemical Safety Board website
- National Transportation Safety Board website
- Crisis EU

Companies

Security Research and Development

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