



**TK-ALLOY
SAFETY PRODUCTS**

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Products and services insured by



Thechnokontrol is a member of the



National Fire Protection Association
The authority on fire, electrical, and building safety

TechnoKontrol Alloy Safety Products

TechnoKontrol Alloy Safety products are a unique non-combustible material consisting of a specially designed metal alloy mesh mechanically produced via a patented three dimensional production system.



TechnoKontrol Safety Technology Alloys, panels and safety technology systems are comprised of patented alloy material manufactured in a three dimensional manner mechanically produced into a mesh, ball or textile format to form a unique non-combustible

material that is Fire, Blast, Moisture, Corrosion, heat, sound and electromagnetic wave resistant depending for its final usage. In the case of blast, fire, heat or explosions TechnoKontrol Safety Technology Systems will perform as no other product in the market, especially, in the oil-gas-chemical industries.

As mentioned above, the TechnoKontrol Safety Technology Alloy stops the explosion of any tank filled with gasoline, diesel, gas, petroleum or any other type of flammable, gaseous or liquid substance.

In addition our TechnoKontrol Alloy only consumes(volume) a minimum 1% of the overall tanks capacity when using the net and 1.5% when using the balls. Therefore, if a 100 litres tank is filled with our alloy net, the tank has a capacity of 99 litres, and if filled with the balls, it has a capacity of 98.5 litres. Thus our TechnoKontrol Safety Alloy completely avoids the oxidation within the interior part of the tank,(if tank is new or stops increasing oxidation if already an used tank) and in turn stops explosions 100% of the time.

TK Alloy Main Benefits

- Anti-Explosive
- Anti-B.L.E.V.E.
- Anti-Slosh.
- Anti-Oxidation
- Reduces vaporization of fuels
- Light weight
- Easy to apply & use.
- Eco-Friendly & 100% recycable.
- Long product life.
- Used with any types of fuels and Home-DIY chemicals(Gasolines,Kerosene,Alcohols,cleaning chemicals,etc)
- No maintenance(minimun supervision if required).
- Manufactured under full EU Quality & Safety Standards and guidelines.

Other benefits of TechnoKontrol are

- Techno-Kontrol Alloy stabilises the liquid in moving tanks(such as Ships or Transport Trucks) and in doing so, helps to stop any damage to the interior part of the tank. This product is currently being used within high speed navy boats among other vehicles.(FIM-World International Motorbike Federation-obligatory),(WPPA-World Profesional Power Boat Association),etc.
- Techno-Kontrol Alloy is completely compatible with all types of combustibles and does not need to change/alter any of its chemical properties to do so.
- Techno-Kontrol Alloys cancels out electrostatic charges.



Technokontrol TK-Alloy Safety Products can be purchased in either ball or mesh format, however, for easy application we recommend the use of TK-Ball format as its much easier, quicker and applicable then the TK-Mesh format. The TK-Ball format can be introduced into any fuel can, fuel powered motor engine fuel deposit (motorbikes, motorboats, light aircraft, grass cutters, leaves blower, tree cutters, etc...), by hand.

(Please refer & study all Health & Safety instructions before use).

TK-BALL FORMAT (15 LITRES)

K15B (Please refer to catalogue).

TK-BALL FORMAT (35 LITRES)

TK35B (Please refer to catalogue).

TK-MESH FORMAT(25 LITRES)

TK25M (Please refer to catalogue).

TK-MESH FORMAT(50 LITRES)

TK50M (Please refer to catalogue).

TK-SAFETY ALLOY SPECIAL

Can be purchased in larger amounts and packaged up to 1000 litres boxes for airfreight or courier delivery

Technokontrol Safety Technology Alloy is lightweight, flexible and recyclable.

Although it has many uses, some of the more commonly used are

- The alloy mesh can be used in the construction of fire and blast resistant barriers
- Pipelines and gas/oil industries
- Military installations
- Airline Industry
- Fuel based enclosures
- Fuel cans & tankers
- Engineering
- Gardening & D.I.Y.
- Cable tray & security vaults enclosures
- High voltage electrical equipment enclosures
- Oil and Gas pipe enclosures
- Ductwork Fume hood exhaust Petrol stations Valve actuator enclosures Fan enclosures
- Compressor tankers
- Fuel pipelines & deposits
- Dust collector
- Chemical storage.
- Gas bottle production & storage .
- Heat shield filling areas.
- Blast enclosures
- Spray Booths
- Storage Vaults, Stairwell and Escalator enclosures
- Transformer



Our TechnoKontrol Alloy TK-Ball & TK-Mesh is exceptionally flexible, resistant to heat and once installed requires very little maintenance even within the most aggressive of atmospheres.

As per our Mission Statement, at Techno Kontrol we are constantly reinvesting into our Research; Development and Investigation departments so as to be able to adapt our patented alloy and manufacturing systems in order to continually

expand our product lines. **The following are just three examples of where you can find our specially designed products today;**

- Gas Bottles
- Fire prevention within Wall Panelling, Boards and Duct Systems
- Revolutionary clothing applications which are currently being tested within Fire Fighters Helmets, Gloves and other Equipment.

In the case of fire prevention and explosions please read the Physical and Chemical Characteristics of Techno Kontrol which can be found within the How Techno Kontrol Works Section.

Techno Kontrol International Safety & Quality Standards

Technokontrol Manufactures, Designs & Researches our safety products in the European Union at the highest possible International Accident, Health & Safety standards which in many cases we surpass present regulations.

- US NFPA-69-2008-Standards on Explosion preventing Systems
- UK- SI 1982/630- Petroleum Spirit for use in motor vehicles & keeping in plastic containers.
- EU- ADR Directive 1999/36-CE
- ISO 9000-ISO14000-ISO18000-ISO23000(2012)
- CE Certified Manufacturer.(2012)

Technokontrol Safety Technology Products and Systems are used, recommended or obligatory in many sectors:

- Government Fire & Accident Authorities.
- Uk Health & Safety Authorities.
- Petroleum Industry.
- International Motor Racing.
- International Power Boat Racing.

Certificates & Associations



Additional Certificates Due in 2012-13

Certificados adicionales en 2012-13

Certificats supplémentaires en 2012-13



QUESTIONS & ANSWERS

TECHNOKONTROL SAFETY

TECHNOLOGY



QUESTIONS

- 1 What is Technokontrol?

- 2 How do Technokontrol Safety Products work?

- 3 What are the principal benefits of using Technokontrol Safety Products?

- 4 What are the main benefits of using Technokontrol Safety Products?

- 5 What other additional benefits can TechnoKontrol Safety Products offer us?

- 6 What formats and where can Technokontrol Safety Products be applied?

- 7 Where are Technokontrol Safety Products more commonly used?

8. Are TechnoKontrol Safety Products tested and validated under International Safety & Quality Standards?

- 9 Why does Technokontrol Technology work?

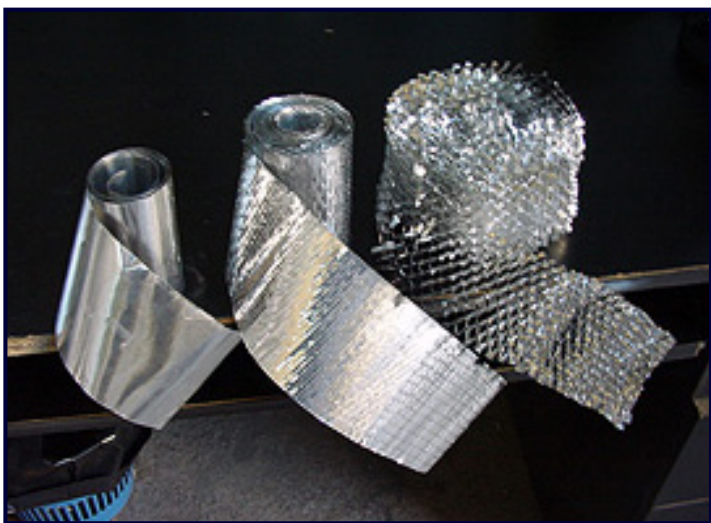
- 10 How does an explosion develop?

- 11 What is a B.L.E.V.E. explosion?

- 12 Does Technokontrol have an engineering team on hand for large or complex global installations?

ANSWERS

1. What is Technokontrol?



In simple terms Technokontrol is an alloy based product in which (amongst other components) we multiply the natural effect of alloy the by 3,000% so as to be able to avoid explosions and fires from occurring within the industries mentioned above.

A more technical explanation is that Technokontrol Safety Products are a unique non-combustible mixture of materials and alloys consisting of a specially designed product which is mechanically produced via a patented three dimensional production system.

Due to our continuous R&D program which began over 17 years ago we have been able to advance our initial technology and today we are producing our VI Generation Safety Alloy which is the most advanced and resistant anti explosive material currently available (especially within gas related environments).

As Technokontrol is a corporation that constantly tries to evolve our R&D team are currently working on generating a VII Generation alloy in which we are in the final stages of testing. This alloy will be specially designed and prepared for the aviation and aerospace industries.



2. How do Technokontrol Safety Products work?

TechnoKontrol Safety Technology alloys, panels and safety technology systems are comprised of a patented alloy material which is manufactured in a three dimensional manner and is mechanically produced into a mesh, ball or textile format so as to form a unique non-combustible material that is fire, blast, moisture, corrosion, heat proof and is also both sound and electromagnetic wave resistant depending on what its final usage will be. In the case of blast, fire, heat or explosions TechnoKontrol Safety Technology Systems will perform as no other product which is currently available in the market, especially within in the oil-gas-chemical and construction industries.

3. What are the principal benefits of using Technokontrol Safety Products?

As mentioned above, the TechnoKontrol Safety Technology Alloy helps to stop an explosion or prevent a fire from occurring within any tank filled with gasoline, diesel, gas, petroleum or any other type of flammable, gaseous or liquid substance.

In addition our TechnoKontrol Alloy only occupies a minimum volume of 1% of the overall tanks capacity when using our alloy net and 1.5% when using the balls. Therefore, if a 100 litres tank is filled with our alloy net, the tank has a capacity of 99 liters, and if filled with the balls, it has a capacity of 98.5 litres. Thus our TechnoKontrol Safety Alloy completely avoids the oxidation within the interior part of the tank, (if tank is new or stops increasing oxidation if it is a used tank) and in turn stops explosions from occurring a 100% of the time.



4. What are the main benefits of using Technokontrol Safety Products?

TK-Safety Technology Alloy Main Benefits:

- Anti-Explosive
- Anti-B.L.E.V.E.
- Anti-Slosh.
- Anti-Oxidation
- Reduces vaporization of fuels
- Light weight (up to 50% lighter than normal products)
- Easy to apply & use (can be applied into a 60 litre fuel tank within one minute).
- Eco-Friendly & 100% recyclable.
- Product longevity (is valid for over 10 years)
- Used with any types of fuels & Home-DIY chemicals such as: (gasolines, kerosene, alcohols, cleaning chemicals, etc.)
- No maintenance (minimum supervision is required).
- Manufactured under full EU Quality & Safety Standards and Guidelines.

5. What other additional benefits can Technokontrol Safety Products offer us?

Techno-Kontrol Alloy stabilises the liquid in moving tanks (such as Ships or Transport Trucks) and in doing so, helps to stop any damage to the interior part of the tank i.e. helps to avoid sloshing within fuel tanks. Among other vehicles, this product is currently being used within high speed navy boats and its standard is mandatory within the FIM-World International Motorbike Federation, WPPA-World Professional Power Boat Association, etc.

Technokontrol alloy is compatible with all types of comustibles and does not need to change or alter any of the chemical properties of the respective combustibles in order to be effective. Techno-Kontrol Alloys also cancels out electrostatic charges.

6. What formats and where can Technokontrol Safety Products be applied?



Technokontrol Safety Alloy Products can be purchased in either ball or mesh format, however, for easy application we recommend the use of our TK-Ball format as its much easier, quicker and applicable than our TK-Mesh format. The TK-Ball format can be

introduced into any fuel can, fuel powered motor engine fuel deposit (motorbikes, motorboats, light aircraft, grass cutters, tree cutters, etc...), by hand. (Please refer to and be sure to study all Health & Safety instructions before use).

Technokontrol Safety Alloy Technology is lightweight, flexible and a 100% recyclable.



7. Where can Technokontrol Safety Products be more commonly used?

- Gas and Petroleum Industries
- The construction of fire and blast resistant barriers
- Pipelines within the gas and petroleum industries
- Military installations
- Airline Industry
- Fuel based enclosures
- Fuel cans & tankers
- Engineering
- Gardening & D.I.Y.
- Cable tray & security vaults enclosures



- High voltage electrical equipment enclosures
- Compressor tankers
- Dust collector
- Chemical storage
- Production of Gas bottles/cylinders and their storage facilities
- Blast enclosures
- Spray Booths
- Stairwell and Escalator enclosures
- Transformer



Our TechnoKontrol Alloy TK-Ball & TK-Mesh is exceptionally flexible, resistant to heat and once installed requires very little maintenance even within the most aggressive of atmospheres.

As per our Mission Statement, at Technokontrol we are constantly reinvesting into our Research; Development and

Investigation departments so as to be able to adapt our patented alloy and manufacturing systems in order to continually expand our product lines. The following are just six examples of where you can find our specially designed products today;

- Gas Bottles, Gas GNV Auto conversion Kits gas-fuel tanks
- Fire prevention within Wall Panelling, Boards and Duct Systems
- Anti-explosion manhole and petrol stations infrastructures
- Electro-magnetic and sound proof construction panels
- Industrial air filter chimney systems to reduce CO2 and other types of pollution
- Revolutionary clothing applications which are currently being tested within Fire Fighters Helmets, Gloves and other Equipment.

In the case of fire prevention and explosions please read the Physical and Chemical Characteristics of Technokontrol which can be found within the "How Technokontrol Works Section" of our web site.

8. Are TechnoKontrol Safety Products tested and validated under International Safety & Quality Standards?

Technokontrol Manufactures, Designs & Researches its safety products whitin the European Union and under the highest possible International Accident, Health & Safety standards. In fact in many cases we surpass the present regulations set out by the organizations below.



US NFPA-69-2008-Standards on Explosion preventing Systems



UK- SI 1982/630- Petroleum Spirit for use in motor vechicles & keeping in plastic containers



EU- ADR Directive 1999/36-CE



ISO 9000-ISO14000-ISO18000-ISO23000(2012)

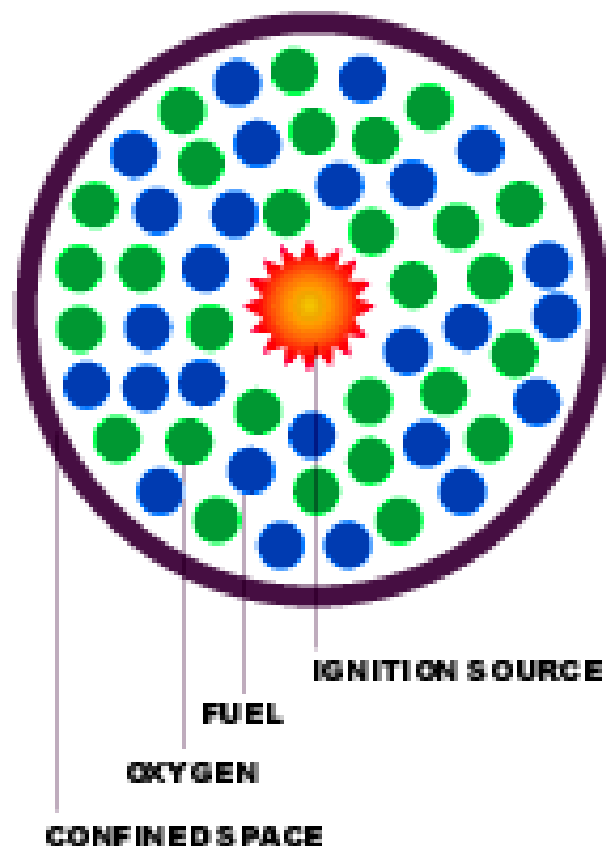


CE Certified Manufacturer (2012)

Technokontrol Safety Technology Products and Systems are used, recommended or obligatory in many sectors:

- Government Fire & Accident Authorities.
- UK Health & Safety Authorities.
- Petroleum Industry.
- International Motor Racing.(F.I.M.-International Motorbike World Championship Federation)
- International Power Boat Racing.(WPPA-World Professional Powerboat Association)

9. Why does Technokontrol Technology work?



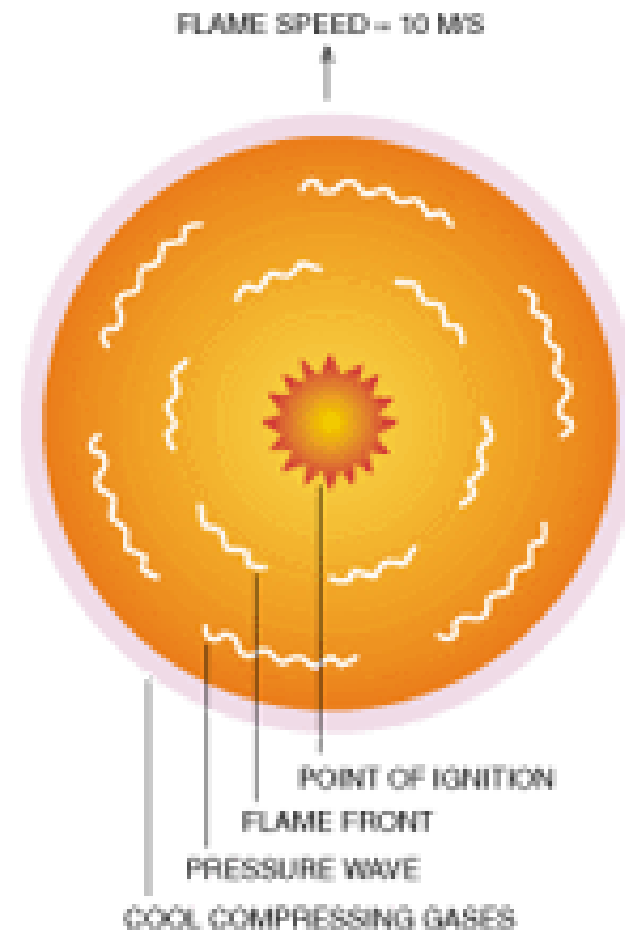
Why does an explosion occur? In order for a deflagration explosion to occur four elements are required. These are; Fuel, Oxygen, An ignition source and a confined space.

The element of "Fuel" can come from a bulk material that produces dust clouds, a flammable gas or a volatile chemical that creates vapours. The element of "Oxygen" is readily available in almost all plant processes. The source of "ignition" element may be generated by a fire, a flame, a welding arc, a spontaneous combustion, frictional sparks or electrostatic hazards. Finally practically all the plant processes provide the element of "enclosed volumes". Once the above four elements are together, the potential for an explosion exists.

10. How does an explosion develop?

Technically an explosion is a freely propagating combustion wave, or deflagration, moving at less than the speed of sound. Unconfined, this flame front travels initially at slow speeds, but normally the flame increases in velocity shortly after ignition to form a high pressure wave.

As most industrial processes usually are not designed to withstand such a wave, the pressure develops into an explosion, a rupture occurs releasing a destructive pressure shock wave and flame.




11. What is a B.L.E.V.E. explosion?

Technokontrol works exclusively mechanically and without altering the chemical properties of the fuel.

Its geometry in form of polyhedral mesh fulfils the following assignments:

- The kinetic energy of gases is restrained in its radial advance from the starting point of inflammation. So the progression in spherical layers (known in the technical field as "onion layers") is destroyed.
- The calorific energy that contributes to the chain reaction is cushioned by the great heat absorption that offers the surface of the mesh.



In order to obtain this effect we need to ensure that the relation of increased surface, by volume treated [in the order of 3000 centimetres square per litre] as well as the minimum thickness of the mesh settling down in 0.06 mm.

The surface of the material determines the speed of absorption of calories but it is also necessary to ensure that the material has the sufficient volume, so that the heat capacity is enough to admit the initial calories (Energy of Activation) and the subsequent chain reaction is avoided. Actually these objectives are obtained by giving a thickness to the raw material of 0.06 mm.

It is important to emphasize that as previously described this is only valid for the initial moment where the objective is to avoid the chain reaction. Just after the inflammation, the material and the fuel equals the temperature to ensure that the gradient becomes zero and therefore, there is no longer a heat accumulation; the gas locked up in the deposit moves away from the stoichiometric mixture and when the air becomes scarce, the danger of an explosion completely disappears.

It arrives then, to a permanent regime in which the product works in analogous form similar to the one of a "wick", which allows that the gas only becomes inflamed in the fuel filling mouths, as well as in the possible fissures that could cause a hypothetical accident or shock, overpressure, fatigue or overheat. As the



gas is consumed in its combustion, the liquid evaporates and the gas is consumed until it reaches total extinction.

In addition to the above, the following benefits may be added:

- Due to the potential of oxidation of the aluminium mesh of 1.66 volts, opposed to 0.763 volts of zinc, this material becomes a very effective anode protection that guarantees no electro corrosion of the deposit.
- Then the mesh constitutes in itself a set of screens that helps to avoid the fast movements of the liquids, water hammers (violent movements of the liquid in the deposit) and also the accumulation of static loads, thus being able to therefore recalculate the thicknesses, as much as, the corresponding reinforcements in tanks with the consequent reduction in price of cost in its construction.
- Reduces the evaporation in the fuel tanks as normally when the fuel within the tank evaporates it produces a change of state which in turn generates a decrease of temperature within the boundary layer. This decrease of temperature is lead quickly from the surface of the liquid, through to the alloy of the Aluminium mesh which with its great heat conductivity (208 W/m °C) means that the steam is condensed even further thus helping to reduce evaporation of the most volatile but powerful components and also the most poisonous of organic fuels.

12. Does Technokontrol have an engineering team on hand for large or complex global installations?

Technokontrol Engineering- Global TK-Engineering Team.

Technokontrol only employs the best engineers throughout the world in order to undertake its industrial orders and we ensure that we provide the best training in order to ensure that our engineers keep up to date with both current and future technologies.



A photograph of two business professionals in a meeting. One person, wearing a blue suit and glasses, is pointing at a laptop screen. The other person, also in a blue suit, is looking at the screen. The laptop displays a bar chart. The text 'ENGINEERING' is written vertically in large white letters on the left side of the image, and 'GLOBAL ENGINEERING TEAM' is written vertically in smaller white letters below it.

ENGINEERING

GLOBAL ENGINEERING TEAM

TK-GLOBAL ENGINEERING TEAM

In order to ensure that our clients receive the best service possible, through both our product range and our manufacturing facilities we have managed to entice and train one of the most qualified engineering teams available throughout the world today and with their help we are able to complete both our individual and industrial orders accordingly.

We also understand that stress, torque, fire, heat, material, tension, flexibility, nano-technology, textile and construction testing are all critical parts of Technokontrols engineering process and we therefore have provided our engineers with such facilities as a fully integrated 3D computer aided design / computer aided manufacturing (CAD/CAM) system along with many more testing technology aids (i.e. fire, heat, blast and metal stress testing technology) so as to ensure that our clients receive the best service available within the market today.

As per above, Technokontrol also manufactures all of its products to the highest possible international standards to which we are proud to state that we not only comply but in many cases we surpass the requirements needed in order to receive these international quality certificates.

TK QUALITY ASSURANCE



A company-wide quality program, called the Technokontrol Quality System (TKQS), was developed specifically to meet the requirements of our business and our customers. A major ingredient of TKQS is that every employee is responsible for the end quality of our product. In addition, the Quality Assurance Department is trained and knowledgeable of industry requirements and is capable of providing all documentation for initial sample review, production, and post-production support. They are solely committed to maintaining quality throughout the life of the product, and are experienced in problem prevention, analysis and solution techniques. The department is sufficiently staffed to insure total care, attention to detail and high quality levels.

TECHNOKONTROL LABORATORY FACILITIES INCLUDE:

TK METALLURGICAL LAB TESTING



The analysis of raw materials before production is conducted here so as to be certain that it meets Technokontrols strict chemistry-alloys specifications, as well as metallurgical analysis of completed parts. We only purchase and develop exclusive & home patented alloys for each type of product and then prepare them for their future use. We have been able to develop and use all six of our TK-Generation alloys for distinct industries with our latest TK-VI Generation alloy being obviously the most advanced. Our VI Generation alloy has been developed especially for all gas related fuel based products whilst our new VII Generation Aerospace alloy is currently being developed and will be shortly available under the TK-Alloy Portfolio of Safety Technologies.

TK ALLOY & DESIGN LAB TESTING



Here our product manufacturing processes are monitored and material manufacturing thicknesses, quality and design are verified. Every product has been designed for a specific industrial sector and our laboratories continuously test and verify that the correct type of materials are used. We strive to use superior exclusive and patented materials to surpass all quality and safety controls in all of our products and technologies in order to increase our product portfolio.

TK CORROSION, DURABILITY & STRESS LAB TESTING



Our corrosion, durability & stress labs ensure that the final product meets and in some cases exceeds our customers specifications as well as Technokontrol's own stringent requirements.

Other tests used by the Quality Department are hardness, tensile and proof-load, as well as non-destructive methods of testing. Our optical comparator is used for more accurate measuring and dimensional verification for critical situations where conventional methods are inappropriate or incapable. Electro-magnetic, acoustic, heat and stress levels are performed at the highest international testing levels including sharing many of the unique testing technologies created at Technokontrol with Tech-Universities or third party research programs in technological joint-ventures.

Statistical Process Control (SPC) & On Sight Historical Quality Control (OHQC) is an important aspect of problem prediction and on going control before and after production. Areas such as alloy quality, piece hardness, mass, flexibility, weather, chemical corrosion, sabotage, accidental and dimensional control are monitored. Reproducibility and Repeatability (R&R) studies, and process/machine capability studies are also an integral part of the statistical quality assurance process.

TK MANUFACTURING

Our manufacturing equipment and machinery is custom made exclusively for Technokontrol and is not available on the general market thus allowing us to create new technologies and to adapt swiftly to any new industry requirements.

This exclusive technology allows us to be independent and ensure that no other possible future competitor may appear on the market, thus allowing us long term product and technological exclusivity. General purpose automated multi-stations, packaging and other machinery complete our assortment our machinery portfolio. We offer vacuum, air-tight and atmospheric heat treatment, vacuum and atmospheric annealing, induction hardening and induction tempering. Fully-automated or semi-automated machines are used, depending on the volume requirements of our customer. Finishing equipment is specially designed for Technokontrol's unique products.

Our tool room and grinding facility fully supports manufacturing as well as production of any necessary prototype hardware requirements we may have both now and in the future.

Technokontrol uses state-of-the-art technology and highly experienced personnel for the manufacturing of all of its products. Our complete in-house capabilities provide total control of the manufacturing process ensuring quality results. Our manufacturing system is designed for flexibility in choice of products without a loss of production efficiency. Computer-controlled cycle parameters maintain consistent quality control. A computer data base closely monitors part number, surface areas, volume, packaging and part weight to ensure uniform product quality and delivery.





TK GLOBAL ENGINEERING TEAM

Excellence is the unlimited ability to keep improving on the quality of what you have to offer

Technokontrol has a large portfolio of products and services which depending on the product and its use in many occasions it can be directly purchased through our retail division ready for use as our TK-Anti Explosion Safety Fuel Cans and in many other applications can be simply applied as the TK-Anti Explosion Alloys for Home/DIY/Private/Motorsport use by following the incorporated instruction and safety manuals which do not require high levels of technical backup for its use or application, even though we at Technokontrol are available for our clients needs to advise in the event of any possible issues with regards to our products use or application. "Safety is paramount and any question is better answered than a mistake occurring for not asking".

On the other hand many other of our products and services due to their industrial and specialist application are complex and require high levels of technological knowledge with regards of the manu-



facturing and of their application and installation. We at Technokontrol believe that an essential part of the Technokontrol experience is the "Key in Hand" option and we strive to give our client's the option of a 100% hassle free experience anywhere in the world. If our client requires us to travel to supervise, verify and to apply any of our products or services from a motor yacht in the Caribbean, to a private plane in the USA or to a Speed boat in the UAE we will be available on hand at an obvious extra cost. Due to the availability of global communications the TK-Engineering Team can via conference call, telephone or other possible means of communication offer advice minute by minute and even view if possible the correct installation or answer in-situ with any queries without travelling and without any additional expense to the client other than the purchase of the respective product.

TK-Global Engineering Team can also be part of any short, mid or even long term product safety program for which we will be on hand through any type of installation program before, during and even after the installation process for any government or corpo-



rate operation has been achieved, from an Auto GNV program to the complete installation within refineries, pipelines, jumbo tanks or petrochemical industrial units. Once the client has defined the installation program they require, we will both together decide whether or not to take a full TK-Global Engineering Team or to create a new National TK-Engineering Team on location of the respective installation program under a full time based TK-Global Engineer Monitor whom will prepare, train and supervise the clients staff or employees. Normally, due to costs and due to installations programs being over several months or possibly years a based TK-Global Engineer Monitor is the best option due to reducing costs and also to preparing a National TK-Engineering team whom then can continue to use their knowledge, education and knowhow within other fields of application under new installation programs in the area or region for Technokontrol or their present or past employer.



In the case of Mid-Long term installation programs the TK-Global Engineering Team Director will prepare a full vocational-education program in which once passed the employee will obtain a certification to be allowed to install the Technokontrol technology upto those approved sectors/sections and this would also apply to all levels including management and directors levels.

Technokontrol® Fuel Deposit Balls

Installation Instructions

All the installation operations should be executed with care in order to avoid any permanent deformation of the material. To avoid contamination, keep the material in the casing until installation. The installation area must be kept clean.

- 1 Clean (wash with fuel) the tank before installing the Technokontrol® Ball. Its essential that the tank must be as clean as possible. (Please remember that fuel many times has some debrie and may obstruct any fuel filter or pump even without Technokontrol® installed).
- 2 Pour or put in by hand the Technokontrol® Balls into the tank/container with great care. Every several downloads, stop, observe, move the tank/container side to side a little or use a plastic instrument to move around to make all the balls relocate in all corners of the tank/container.)
- 3 Pay particularly attention on filling the entire tank's volume. In case, shake the tank/container several times during the filling so that the material is displaced properly.

- 4 Once filled the entire volume, shake the tank/container once more and pour some more material into the tank. If required, apply a small pressure. Some 5-10% overfilling is recommendable.
- 5 Once the installation has been completed and before using the tank, it is preferable to carry out three cycles of filling and emptying of the tank with the same fuel that will be subsequently used (gasoline, kerosene, JP4, etc...), in order to eliminate any possible contamination.
- 6 After each emptying and during the phase of preliminary washing, it is recommended that any residue be aspirated from the exhaust orifice or fuel deposit.
- 7 The fuel utilized to wash the tank can be re-used, after being filtered. (If not 100% sure about filtering disregard the washing fuel).
- 8 Check once more to assure that the balls are completely well displaced inside the container/deposit.
- 9 If the fuel tank has a capacity of 10 litres put in an extra 200-500ml to make sure that the balls can't move inside. (They must be tight and secure but NOT squashed).
10. Check every month that the balls are still tight and are as firm as

the first day, if not for whatever reason, again top up to regain the original placing amount.(This will assure that any “slosh movement” to be the minimum and that the product does its job perfectly).

- 11** Even though our product is cleaned before packaging sometimes fuel isn't and in that event the fuel filter may be blocked to which it must be cleaned.(Which the process must be done again backwards and then the whole process must be done again).
- 12** The fuel tank/container will not have any rust or corrosion with our product if the tank/container is new and if it has already some rust or corrosion it will not get worse.
- 13** If in doubt with regards of the installation please contact Technokontrol® offices by phone or email and do not proceed until certain of the procedure. Safety is paramount!
- 14** Remember, for a 10 litre tank/container you will need 10 litres of Technokontrol of even a little more the 200-500ml to prevent any “sloshing” effect.
- 15** Technokontrol® is 100% recyable and in the event of re-using please check that the product is clean and in good firm standing if not it must be disregarded and NOT used again. (You wouldn't drive with a

broken seatbelt or use a broken helmet, so, please do not use a damaged or not secure product especially for safety reasons.(If in doubt keep it out!).

Important Notes

- 1** If the vehicle uses an internal fuel tank pump, then make sure that the electric connections are insulated before installation of Technokontrol®.
- 2** Otherwise there is a risk of shortcircuit. To avoid any problem, please do not leave any “not isolated” electrical wire in contact with Technokontrol®
- 3** Make sure that the fuel pump is placed after the filters (in some motorbikes, the extreme working conditions might cause some flaking. If the filters are placed properly there won't be no any problem).
- 4** Remember to follow all Health & Safety regulations which regards of manipulating hazardous liquids, fuels, chemicals, please wear protective gloves, glasses, respirator and protective clothing. Please follow your countries Health & Safety codes.

LEGAL NOTICE

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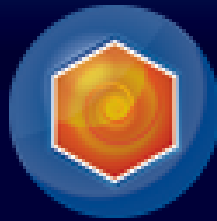
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