



TechnoKontrol Asia

WHERE YOUR SAFETY IS OUR PRIORITY

TechnoKontrol Asia





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I . General Overview



I .General Overview

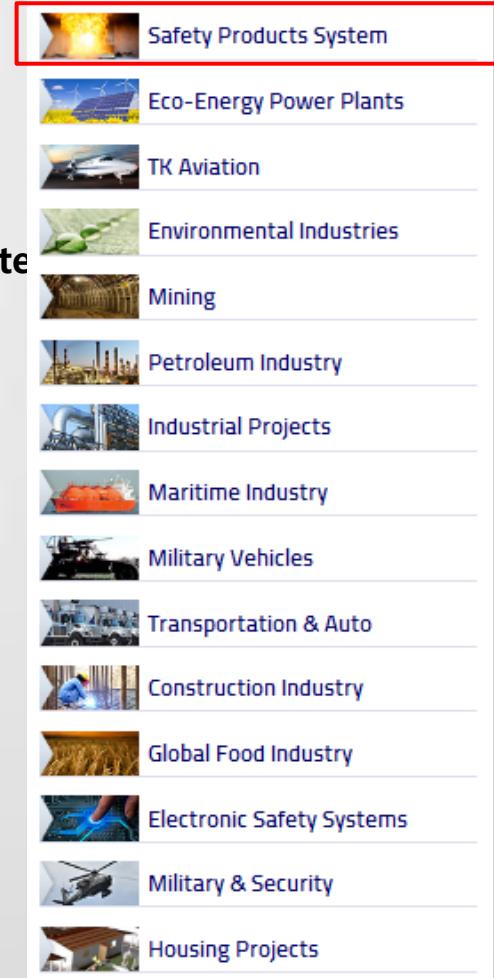
1. H.Q. In Spain

- ◆ Company Name: TECHNOKONTROL-CAT GLOBAL, S.L. (www.technokontrol.com)
- ◆ Year Established: 2011
- ◆ H Q : Poligono Industrial Vinas de la Vega, San Lorenzo de la Parrilla, 16770, Cuenca, Spain
- ◆ Primary Business
 - Company was established in 2011 based on US and Europe patent
 - TK Alloy developed by physic scientists and industrial engineer

- Major Products

- * Safety product system technologies
 - > Primary product of TECHNOKONTROL ASIA
- * Transportation & Auto
- * Construction Industry
- * Aviation Industry
- * Maritime Industry
- * Military & Security
- * Environmental Industry
- * Housing Projects

TechnoKontrol Asia

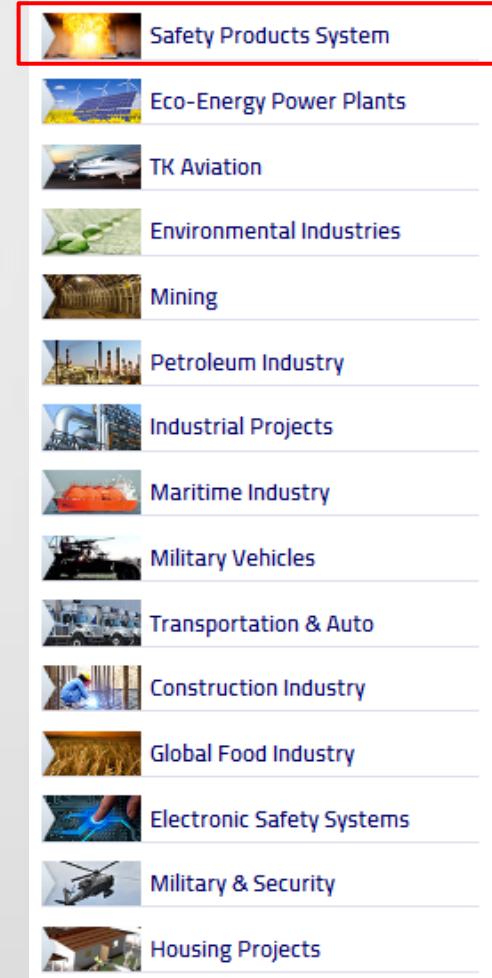


I .General Overview

2. Korea

- ◆ **Company Name:** TECHNOKONTROL ASIA (Web under const.)
- ◆ **Year Established:** 2017
- ◆ **H Q :** Anyang City, Kyunggido
- ◆ **Branch :** Seoul
- ◆ **Primary Business**
 - Technokontrol Asia(Exclusive Distributor& manufacturer for Asia)
 - Defense Industry & Hydrogen tank(automobile),steel mill etc.,
disaster prevention, fire proof and quake resistant
 - Major Products
 - * Safety product system technologies
 - * Construction Industry
 - * Aviation Industry
 - * Military & Security
 - * Hydrogen related industry
 - * Steel mill industry(Ultra high temperature/pressure shaft protection)
 - * Petro-chemical(LPG, LNG)
 - * Housing Projects

TechnoKontrol Asia



I .General Overview

TechnoKontrol Asia

3. TK & TKA Agreement



development or products.

Article 2 . Scope of Application

- Geographical scope
 - Country : Asia, including South Korea, China, Japan, and Russia.
 - Other nations shall be separately decided.
- Product
 - TK "ALLOYS"
 - Based on product produced by Party "A"
- Set-up Manufacturing Facility in Asia
 - Party "A" agrees to transfer of technology rights to Party "B", to set-up and establish Manufacturing Facility Production Plant in Asia.

Article 1. Principle

This agreement is based on the principle that Party "A" and Party "B" are based on good faith and sincerity as a reliable partner to pursue mutual benefits and enhance external competitiveness through cooperation on promotion, sales, as well as

Article 2 . Scope of Application

- Geographical scope
 - Country : Asia, including South Korea, China, Japan, and Russia.
 - Other nations shall be separately decided.
- Product
 - TK "ALLOYS"
 - Based on product produced by Party "A"
- Set-up Manufacturing Facility in Asia
 - Party "A" agrees to transfer of technology rights to Party "B", to set-up and establish Manufacturing Facility Production Plant in Asia.

1. This Agreement shall be effective as soon as Party "A" and "B" signs this agreement.
2. This Agreement document shall be deemed to be valid and enforceable in respect of the provisions of this contract.
Either party shall be in a position to request a hard copy of any previous electronic transmitted document. Both parties agree that the signed and sealed ED7 copies of SPA is fully binding and enforceable until the hard copy of contract is exchanged through courier.

Chapter 2 Contracts General

Article 4 . Validity of Contract

The term of validity of this Agreement shall be 10 years and shall be automatically extended unless Party "A" or Party "B" becomes insolvent or bankrupt, or initiates bankruptcy or insolvency proceedings before any court or office.

Article 5 . Order

- Party "B" shall issue Party "A" a purchase order designating product type, quantity, and delivery due date.
- Party "A" shall give Party "B" a confirmation through e-mail or phone within 3 days upon receiving purchase order regarding delivery condition and schedule.
- Quantity of order
 - Minimum Sales Year 2:

Lee Ji-hun's signature

Red circular stamp

페이지 2 / 5

Article 18 . Change of Important Matters

Both party shall notice other counter party without delay when there are any necessary changes such change of address.

Article 19 . Settlement Jurisdiction

In case of any dispute arising from or in connection with any of the terms and conditions of this Agreement, the Parties shall diligently meet and exert efforts to resolve the issue amicably. Otherwise, the law on Alternative Dispute Resolutions shall govern.

Article 20 . Miscellaneous

Other matter not set in this contract shall be determined under both party's mutual agreement through discussion, and any kind of written agreement made after this agreement shall overrule this contract.

- This Agreement establishes the basic principles and will be applied to separate contract.
- Unless there is a special arrangements made and agreed by both party, this agreement shall be applied as conclusive application.

Both party confirm that this agreement has been made effectively. This SPA is made in two hard copies and is signed and kept by each party.

Jan 22, 2018

Party "A"
Technokontrol
Polígono Industrial Vinas De La Vega, San Lorenzo de la
Parrilla, 16770, Cuenca, Spain
Oscar Diaz

Lee Ji-hun's signature

Red circular stamp

Party "B"
Technokontrol Asia
HQ : 8F, 519, Heungnam-Daero, Dongan-Gu, Anyang-Si,
Gyeonggi-Do, Korea
DIV : 1F, Aewon B/D, 25-Bongeunsa-ro 24-Gil, Gangnam-Gu,
Seoul, Korea
Bang, Siong

Lee Ji-hun's signature

Red circular stamp

페이지 5 / 5



TechnoKontrol Asia
WHERE YOUR SAFETY IS OUR PRIORITY



II . Product Characteristics & Business Focus

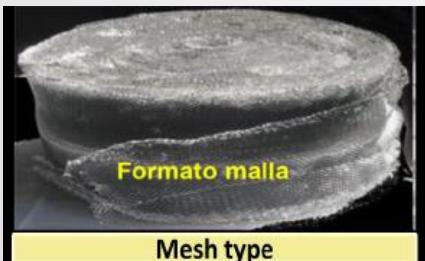


II. Product Characteristics & Business Focus

1. Product overview and characteristics

1) Product overview

- 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 product system
- World's only 8th generation Technology Alloy stops the explosion of any tank filled with gasoline, diesel, gas, petroleum or any other type of flammable, gaseous or liquid substance. TechnoKontrol Safety Alloy completely avoids the oxidation within the interior part of the tank
- Alloy only consumes(volume) a minimum 1% of the overall tanks capacity when using the net and 1.5% when using ball
- Mesh, Ball, Textile and Panel
- Weighs only 33g per liter
- Heat resistant for 3hrs. at 1600C
- GSM, GPS, 3G, 4G electromagnetic wave resistant



II. Product Characteristics & Business Focus

1. Product Outline & Characteristics

2) Characteristics

- 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% recyclable
- Long product life
- Used with any types of fuels and Home-DIY chemicals
- No maintenance (minimum supervision if required)
- Manufactured under full EU Quality & Safety Standards and NFPA safety guidelines

II. Product Characteristics & Business Focus

1. Product Outline & Characteristics

3) Certifications

TECHNOKONTROL IS A MEMBER OF THE NFPA

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

NFPA MEMBER 2015-16

TECHNOKONTROL PRODUCTS ARE ATEX COMPLIANT
(EUROPEAN ANTIEXPLOSIVE SAFETY DIRECTIVES)

Ex

TECHNOKONTROL'S PRODUCTS & SERVICES ARE INSURED BY

Axa

EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPAISCHE AGENTUR FÜR FLÜGSICHERHEIT



II. Product Characteristics & Business Focus

2. Business Sector

1) TK Business Sector

TK-INDUSTRIAL TECHNOLOGIES



TK-ENVIRONMENTAL TECHNOLOGIES



TK-AUTO INDUSTRY TECHNOLOGIES



TK-MARITIME TECHNOLOGIES



TK-SAFETY TECHNOLOGIES



TK-AVIATION TECHNOLOGIES



TK-MILITARY & SECURITY TECHNOLOGIES



TK-TRANSPORTATION TECHNOLOGIES



TK-CONSTRUCTION TECHNOLOGIES



TK-ECO-ENERGY TECHNOLOGIES



TK-HOUSING TECHNOLOGIES



II. Product Characteristics & Business Focus

2. Business Sector

2-1) TKA Business Sector

TK-SAFETY TECHNOLOGIES



TK-AVIATION TECHNOLOGIES



TK-INDUSTRIAL TECHNOLOGIES



TK-MARITIME TECHNOLOGIES



Anti-Explosive



TK-AUTO INDUSTRY TECHNOLOGIES



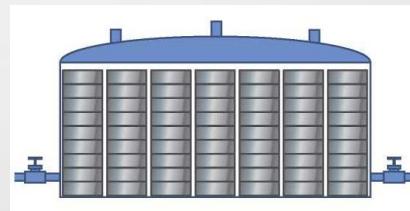
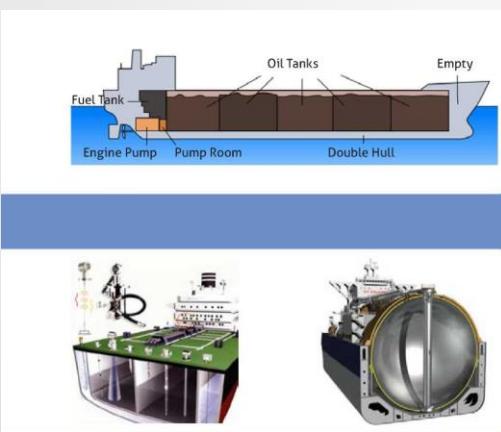
TK-MILITARY & SECURITY TECHNOLOGIES

II. Product Characteristics & Business Focus

2. Business Sector

2-2) TKA Business Sector & Customizing

- Custom order for diverse industries, from jumbo tanks/ vessels to jet fuel tanks
- Flexible installation with Mesh, Textile and Ball type ,easy and simple installation with ball type for existing facility
- Mesh type for large transportable tankers to jumbo tanks, easily accessible large facilities



II. Product Characteristics & Business Focus

2. Business Sector

3) TKA Major Targets

① General Industry

- LPG and Hydrogen tank in automobiles
- Multi-purpose LPG tanks
- Small LPG storage tanks
- Industrial LPG tanks



II. Product Characteristics & Business Focus

2. Business Sector

3) TKA Major Targets

② Petro chemical

- Storage tanks in gas stations
- Transportable oil storage tanks (lorries) and vehicle fuel tanks
- Large oil storage tanks (petroleum storage facilities)
- LNG tanks and oil tankers(carrier)
- Aircraft fuel tanks and oil storage facilities
- Oil and gas pipe lines



II. Product Characteristics & Business Focus

2. Business Sector

3) TKA Major Targets

③ Construction

- Fire resistant panel
- Special purpose(electromagnetic protection, fire evacuation room)
- R & D (Disaster prevention)



R & D

II. Product Characteristics & Business Focus

2. Business Sector

3) TKA Focus Business Sector

④ Defense Industry

◆ Defense Industry in General

- Oil and gas storage facilities
- Fuel tank for aircraft, ship, vehicle
- Facilities requiring security



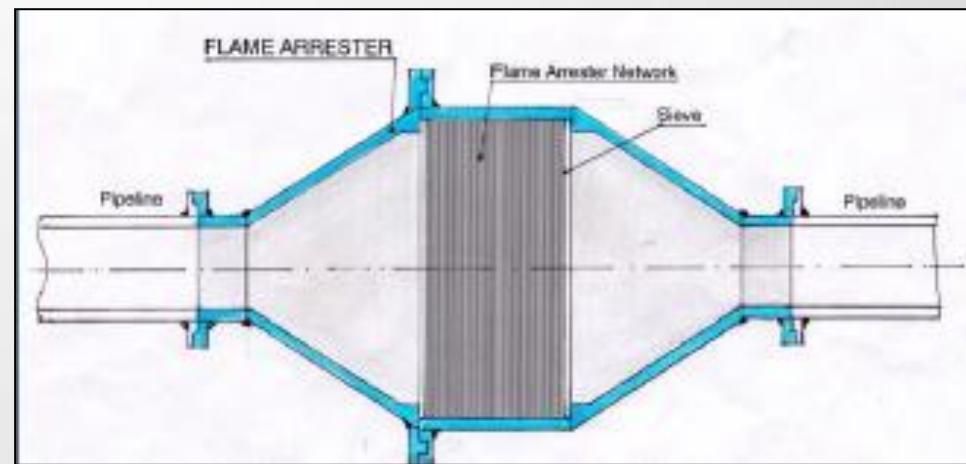
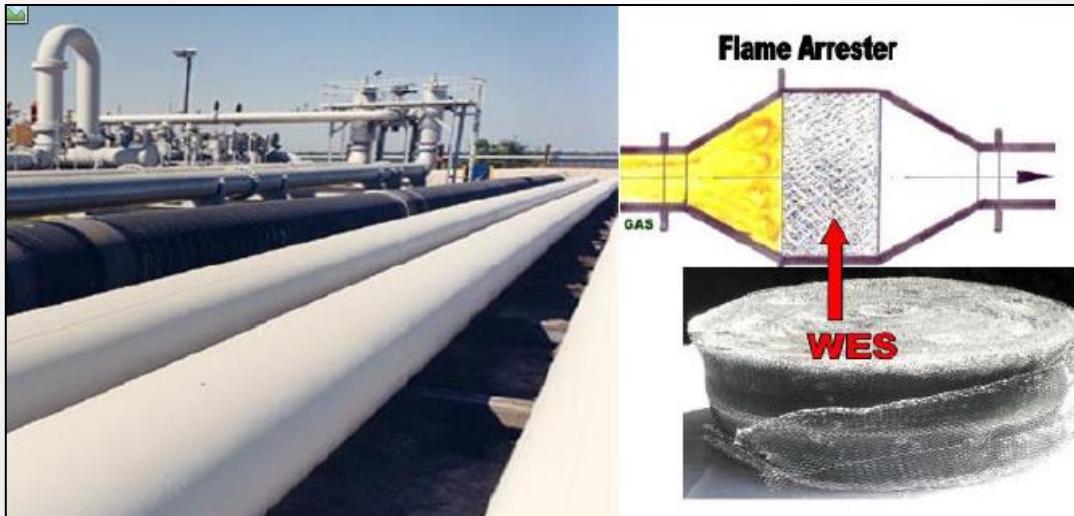
◆ Classified Sections

- Direct Technical support from TK
- Set-up SPC(TK&TKA) supply and management
- Joint R&D if required



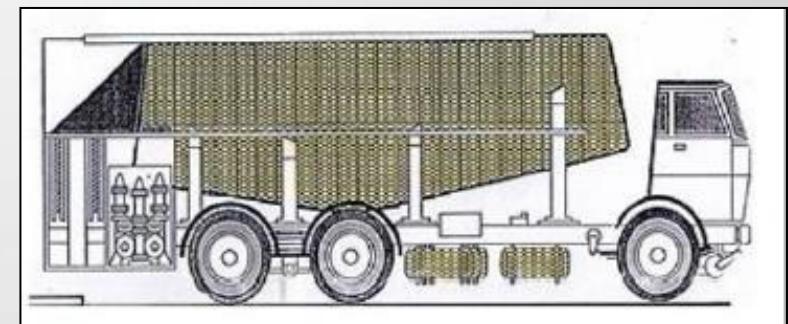
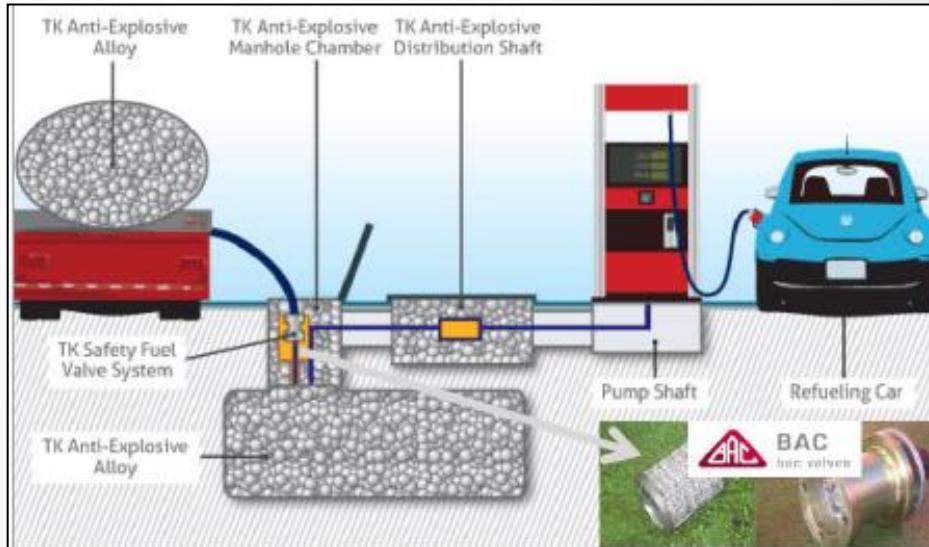
II. Business Sector & Technology

2. Business Sector (Application example)



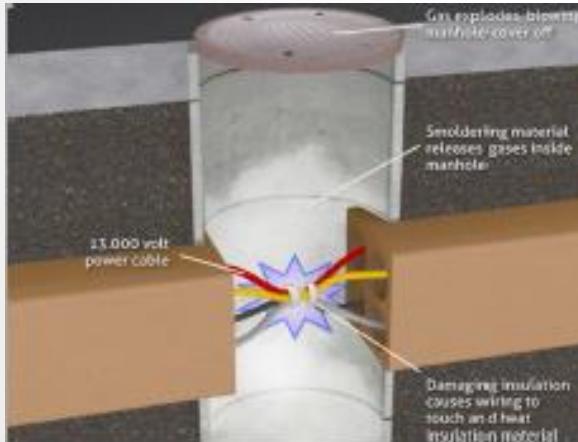
II. Business Sector & Technology

2. Business Sector (Application example)



II. Business Sector & Technology

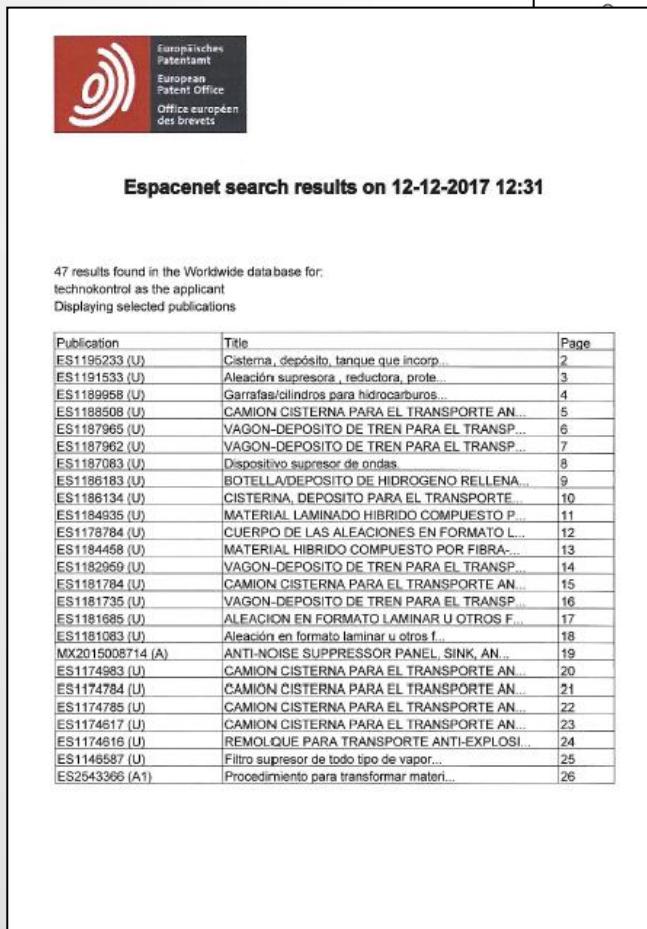
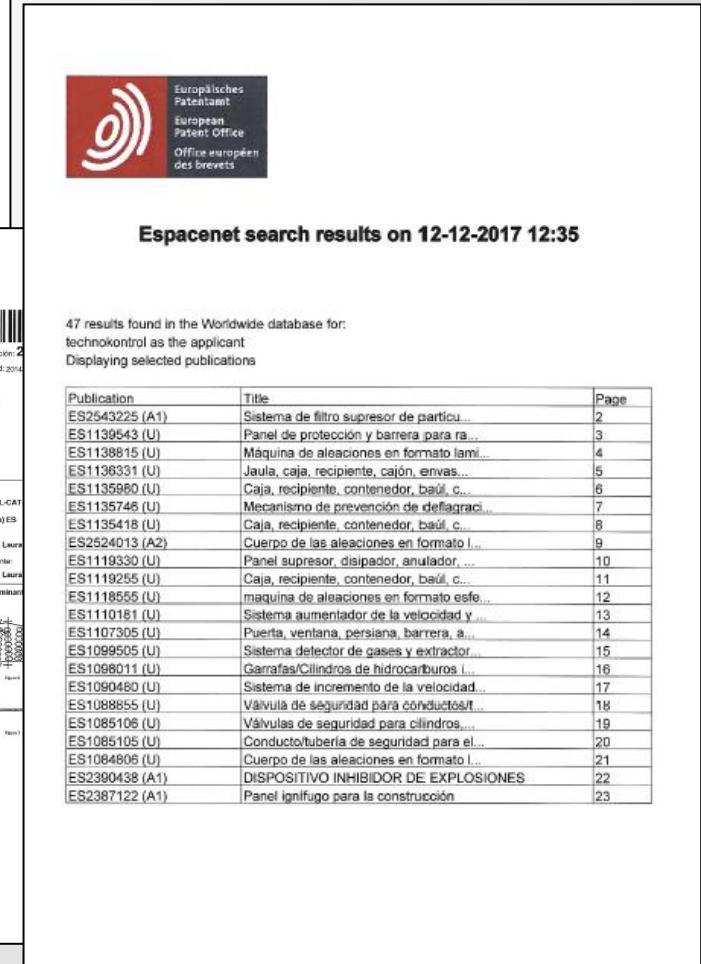
2. Business Sector (Application example)



II. Product Characteristics & Business Focus

TechnoKontrol Asia

3. Intellectual Property Rights



II. Product Characteristics & Business Focus

4. Technology Development(R&D)

1) Stage #1 R&D(Disaster Prevention)

◆ Dev. Multi-functional material

- Fire fighter clothing and fire protection helmet
- Fire proof panel for construction, fire retardant and quake resistant(when applied w/filling material) for building finishing
- Noise Prevention, Sound Insulation, Heat Insulation Materials.

2) Stage #2 R&D(Defense Industry)

◆ Joint R&D with TK H.Q

- Shaft Furnace protection and high temperature/pressure cover protection
- Electromagnetic pulse(EMP) protection
- Aviation Sector
- Defense system for fuel reserve facilities

3) Stage #3 R&D (IT convergence)

Software (disaster prevention simulation) + hardware (explosion proof, disaster prevention product)



III. Certification & Data Report



III. Certification & Test reports

1. Certificates

(Spanish Ministry of Interior)



(Ntl. Ctr. for Protection of Infrastructure)



(Certification for Installation in aircraft fuel tank)



III. Certification & Test report

2. Test Report: Defense Industry

4.2.4 Results

TEST ARRANGEMENT	AK 47 INCENDIARY BULLET	RPG 7	EXPLOSION	FIRE AFTER SHOOTING
Tank 1 (stainless steel) 100 l diesel and 50 l condenser water and 250 l Technokontrol material	-	yes	no	no
Tank 2 (mild steel) 100 l diesel and 50 l condenser water and 250 l Technokontrol material	yes	-	no	no
Tank 3 (stainless steel) 100 l diesel 50 l condenser water without TK Technokontrol material	yes	-	yes	yes

III. Certification & Test Report

2. Test Report: Defense Industry

3. TESTSERIES GUNFIRE TESTS

III. Certificates & Data Reports

2. Test Report: Defense Industry

3. TESTSERIES BLASTING TESTS

Hit of a hollow charge shell on an original fuel container from an armored personal carrier.
The armored personal carrier has been simulated by an armored plate.

	TEST 1	TEST 2
CONTAINER	155 l original fuel container of a personal carrier armored vehicle	155 l original fuel container of a personal carrier armored vehicle
FUEL	Diesel 5 l	Diesel 5 l
Filled with TECHNOKONTROL	YES	NO
AMMUNITION	7,4 cm hollow charge shell (PAR 70)	7,4 cm hollow charge shell (PAR 70)
SIMULATION OF AN ARMORED PROTECTION	15 mm armored plate (HD 9)	15 mm armored plate (HD 9)
RESULTS	No explosion, no flame	Explosion with strong flame formation (fireball)



**TEST Nr. 1
TANK WITH EXPLOSION PROTECTION FILLING
TEST ARRANGEMENT**



III. Certification & Test report

2. Test report: Defense Industry

4. TESTSERIES BLASTING TESTS

	TEST 1	TEST 2
Container to be fired on	50 l Steel container behind 15 mm armored plate HD 9	60 l Steel container
100 % filled with TECHNOKONTROL MATERIAL	yes	no
inflammable liquid	1 l Diesel	1 l Diesel
Ammunition	shaped charge 7,4 cm PAR 70	shaped charge 7,4 cm PAR 70
Weapon	--	--
Results	NO EXPLOSION	EXPLOSION of the DIESEL-AIR MIXTURE

5. CONCLUSION

As result of the tests the explosion preventing effect of the TECHNOKONTROL explosion eliminating system has been proven.

The explosion of an explosive diesel/fuel-air mixture can be prevented by filling the fuel container with the TECHNOKONTROL explosion eliminating system.

Report drafted by

Ing. Heinz Obst.



TEST Nr. 1
TANK WITH EXPLOSION PROTECTION FILLING
TEST RESULT: NO EXPLOSION, NO FIRE



III. Certificates & Data Report

2. Test Report

intertek
Total Quality Assured.

Informe: LB-60669
Ref:
Oferta:

Technokontrol Global Ltd
Avd Pirineos 7. Oficina 2-5
Edificio Ibisia
28703-San Sebastián de los Reyes

COMPARATIVA DE RESULTADOS

DÍAS	Unidad	0	15	45	90	180	270	365
Ensayo		Result.						
Transp. y brillo	---	Cumple						
T.A.N. (Acidez) #	mgKOH/g	<0,01	<0,01	<0,01	<0,01	<0,01	0,01	0,01
Aromáticos #	%v/v	17,4	17,0	16,6	16,9	16,9	17,6	17,2

intertek
Total Quality Assured.

Informe: LB-60669
Ref:
Oferta:

CONCLUSIÓN: #

Tras haber realizado el análisis del queroseno en plazos de 15, 30, 45, 90, 180, 270 y 365 días podemos certificar que no existe ningún tipo de contaminación, prejuicio orgánico, biológico por la incorporación, instalación de las aleaciones de Technokontrol anti-explosivas en el queroseno de prueba asegurando que dicho combustible durante y al final de la prueba está dentro de los parámetros de operatividad, seguridad y calidad de sustancias consideradas petroquímicas de nivel mundial. No existen trazas, partículas, algas, contaminación, loss of energy fuel properties at any level has occurred in these kerosene fuel quality/contamination tests during the full 365 days.

Estabilidad (*)#	---	---	---	---	---	---	---
Aspecto visual del tubo#		<3	< 3	<3	< 3	<3	<3
Presión diferencial Filtro Volumen	mm Hg ml	15 450	15 450	15 450	25 450	16 450	18 450
recogido #							
Temperatura #	°C	260	260	260	260	260	260
Gomas actuales	mg/100ml	< 0,5	< 0,5	<0,5	0,5	<0,5	<0,5
Ind. Separación #	---	< 50	< 50	55	64	<50	<50
Conductividad #	ps/m	249	234	201	185	175	135
Color Saybolt #	---	+22	+22	+20	+21	+20	+20



Los ensayos marcados con # no están amparados por la acreditación de ENAC.
Los resultados de estos ensayos sólo se refieren al material/muestras ensayadas.
(*) si aparece en algún ensayo se refiere a que ha sido subcontratado a un laboratorio aprobado.
La incertidumbre expandida indicada se basa en una incertidumbre típica multiplicada por un factor de cobertura K=2.

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Pág. 10/10
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La incertidumbre expandida indicada se basa en una incertidumbre típica multiplicada por un factor de cobertura K=2.

III. Certificates & Data Report

2. Test Report



Total Quality Assured.

Informe: LB-60670

Ref:

Oferta: 2016-0878

Technokontrol Global Ltd
Avd Pirineos 7, Oficina 2-5
Edificio Ibisa
28703-San Sebastián de los Reyes

COMPARATIVA DE RESULTADOS

Ensayo	Unidad	0 DÍAS	15 DÍAS	45 DÍAS	90 DÍAS	180 DÍAS	270 DÍAS	365 DÍAS
Densidad a 15°C	kg/m3	742,5	743,4	743,8	743,9	743,9	745,9	745,1
RON*	---	96,4	96,5	96,6	96,7	96,2	96,3	96,0



Total Quality Assured.

Informe: LB-60670

Ref:

Oferta: 2016-0878

CONCLUSIÓN:

Tras haber realizado el análisis de la gasolina en plazos de 15, 30, 45, 90, 180, 270 y 365 días; podemos certificar que no existe ningún tipo de contaminación, prejuicio orgánico, biológico por la incorporación, instalación de las aleaciones de Technokontrol anti-explosivas en la gasolina de prueba asegurando que dicho combustible durante y al final de la prueba está dentro de los parámetros de operatividad, seguridad y de calidad de cualquier operador petroquímico de nivel mundial. No existen trazas, partículas, algas, contaminación, pérdidas, mermas de valores energéticos a ningún nivel y/o descomposición de dicha gasolina durante los 365 días de dicha prueba de calidad/contaminación.

Este informe es para el uso exclusivo del cliente de Intertek y se proporciona de conformidad con el acuerdo entre Intertek y su Cliente. Intertek no asume responsabilidad alguna hacia cualquier persona que no sea el cliente en relación con este informe. La Responsabilidad y las obligaciones de Intertek se limitan a los términos y condiciones del acuerdo. Intertek no asume ninguna responsabilidad hacia cualquier persona física o jurídica,

After conducting gasoline fuel testing at each interval of 15, 30, 45, 90, 180, 270 and 365 days we fully verify that with the usage, installation, incorporation of the Technokontrol anti-explosion alloys no fuel contamination has appeared in the gasoline fuel including organic and/or biological contamination therefore not effecting the gasoline operational values safety and its quality standards from the beginning of the testing timetable to the very end (365 days) and to which the tested gasoline fuel fully meets the standards expected And required by any top global petrochemical operator. No traces, particles, algae, contamination, loss of energy fuel properties at any level has occurred in these gasoline fuel quality/contamination tests during the full 365 days.

Gomas actuales	mg/100ml	< 1	< 1	< 1	1	< 1	< 1	< 1
Estabilidad	min	>380	>380	>380	>380	>380	>380	>380
Aspecto#	---	C y B	C y B	C y B	C y B	C y B	C y B	C y B



Nº 401E2322

Los ensayos marcados con # no están amparados por la acreditación de ENAC.
Los resultados de estos ensayos sólo se refieren al material/muestras ensayadas.

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Nº 401E2322

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III. Certificates & Data Report

2. Test report



Informe: LB-60668
Ref:
Oferta: 2016-0878/02

Technokontrol Global Ltd
Avd Pirineos 7. Oficina 2-5
Edificio Ibisia
28703-San Sebastián de los Reyes

Ensayo	Unidades	COMPARATIVA DE RESULTADOS						
		0 DÍAS	15 DÍAS	45 DÍAS	90 DÍAS	180 DÍAS	270 DÍAS	365 DÍAS
Gases	Resultado	Resultado	Resultado	Resultado	Resultado	Resultado	Resultado	Resultado
Refinería	---	---	---	---	---	---	---	---
Metano	% mol	< 0,01	< 0,01	< 0,01	< 0,01	< 0,01	< 0,01	< 0,01



Informe: LB-60668
Ref:
Oferta: 2016-0878/02

CONCLUSIÓN:

Tras haber realizado el análisis del butano en plazos de 15, 30, 45, 90, 180, 270 y 365 días podemos certificar que no existe ningún tipo de prejuicio orgánico, biológico por la incorporación, instalación de las aleaciones de Technokontrol anti-explosivas en el butano de prueba asegurando que dicho combustible durante y al final de la prueba está dentro de los parámetros de operatividad, seguridad y de calidad de cualquier operador petroquímico de nivel mundial. No existen trazas, partículas, algas, pérdidas, mermas de valores energéticos a ningún nivel y/o descomposición de dicho butano durante los 365 días de dicha prueba de calidad/contaminación.

After conducting butane fuel testing at each interval of 15, 30, 45, 90, 180, 270 and 365 days we fully verify that with the usage, installation, incorporation of the Technokontrol anti-explosion alloys no fuel detriment has appeared in the butane fuel including organic and/or biological contamination therefore not effecting the butane operational values safety and its quality standards from the beginning of the testing timetable to the very end (365 days) and to which the tested butane fuel fully meets the standards expected And required by any top global petrochemical operator. No traces, particles, algae, contamination, loss of energy fuel properties at any level has occurred in these butane fuel quality/contamination tests during the full 365 days.

Densidad real	Kg/m ³	2,5956	2,5946	2,5950	2,5938	2,5692	2,5896	2,5712
Poder Calor. Superior	Kcal/m ³	30.772	30.752	30.759	30.747	30.466	30.695	30.490
Poder Calor. Inferior	Kcal/m ³	28.362	28.348	28.353	28.341	28.081	28.294	28.102

performed solely on the basis of their instructions and / or information and materials supplied by the Customer. It is not intended to be a recommendation for any particular action. This report by itself does not imply that the material, product or service it or has been the subject of an Intertek certification program.



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Pág. 10/10
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La incertidumbre expandida indicada se basa en una incertidumbre típica multiplicada por un factor de cobertura K=2



TechnoKontrol Asia
WHERE YOUR SAFETY IS OUR PRIORITY

THANK YOU

BREACHING THE BOUNDARIES OF TECHNOLOGY FOR THE SAFETY AND EFFICIENCY OF
TOMORROWS WORLD