

About us

Welcome to **SALERNO INDUSTRY U.A.E. & OIL & GAS TRADING COMPANY PSC**

We are one of the two leader manufacturers of Passive Fire Protections (P.F.P.), a "boutique style" factory for personalized solutions for our customers.

We are a total independent families business company with a wealth of total knowledge for fire protections fields, integrating the same with the design of thermal insulation and sound adsorption in the **EFTIES** program (Fire + Thermal + Sound).

We put at the service of our customers the acquired experience in many years of activity in manufacturing installing and maintenance.

WE REALLY CARE ABOUT YOU, giving the level of service you expect and keeping you informed small enough to care but large enough to offer a complete service all under one roof.

OUR CLIENTS ARE SPECIAL TO US and we make sure that the experience we have is customized to their needs always one of a kind.

Our fully focused teams in Emirates of friendly and courteous staff will assist you in the process of finding, buying and installing what will be selected in the most suitable way.

WE ARE PASSIONATE about offering exceptional customer service in a friendly and approachable manner. For us it's not just about selling but it's the way we go about it that make the difference!

In fact our **SELLING PROPOSITIONS** are based on important factors and some of them are:

- **COMPETITIVE PRICE IN THE MARKET COMPARED TO SIMILAR PRODUCT SPECIFICATION & QUALITY** •
- **A FAST RESPONSIVE DETECTION** •
- **LEADING SAFETY SOLUTIONS PROVIDER** •
- **360° SOLUTIONS FOR ENGINEERING + SUPPLY + ANY TYPE OF SERVICES** •
- **SHORT DELIVERY TERMS** •
- **ADVANCED TECHNOLOGY IN PACKING** •
- **CENTRAL POSITION FOR TRANSPORT IN GCC & EAST COUNTRIES** •
- **TIME REDUCTION FOR PLANT COMMISSIONING** •
- **REDUCTION OF PLANT INSURANCE PREMIUM** •

Many thanks for your attention and for the preferences given to us



**Salerno Industry
U.A.E.**

SALERNO PASSIVE FIRE PROTECTION INDUSTRY

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**Salerno Industry
U.A.E.**

THE INTEGRATED PASSIVE FIRE PROTECTIONS PROGRAM

"EFTIES"

ENGINEERING
PERSONALIZED SOLUTIONS
PRODUCTION
INSTALLATION
AFTER SALES ASSISTANCE
MAINTENANCE
MEASUREMENT IN 3D
PROGRAM FOR GUARANTEE EXTENSION
TRAININGS



GULF VALVE-MC DERMOTT UZ 750K ZADCO

CABLE TRAY & PIPELINES

The system use our patented **OGFlex®** protections having Type Approval Certificate by TUV SUD AND NOT A SIMPLE WITNESS DECLARATION IN THE CERTIFICATE. System that has resistance to explosion, as per blast test certificate, and fire resistance up to 120 minutes.



This project presentation will give you a general overview of our integrated solution **EFTIES (F.T.S. = Fire + Thermal + Sound)** of Passive Fire Protections combined with components for noise reduction, sound absorption or/and thermal protection for a perfect energy preservation for steel piping and cable trays having even the finality to give personnel protections when the utilities have a working temperature over 60°C. **All in a single blanket layer.**

We stand strong behind our products and services and will take every step possible to ensure that all standards are met, as we know that without superior quality, there is no point in providing products. The quality standards, criteria, and specifications that we confirm you are at the highest possible levels in this type of industry. **Our quality system is established to meet and to maintain the requirements of our BS EN ISO 9001:2015 accreditation and ISO 14001.**

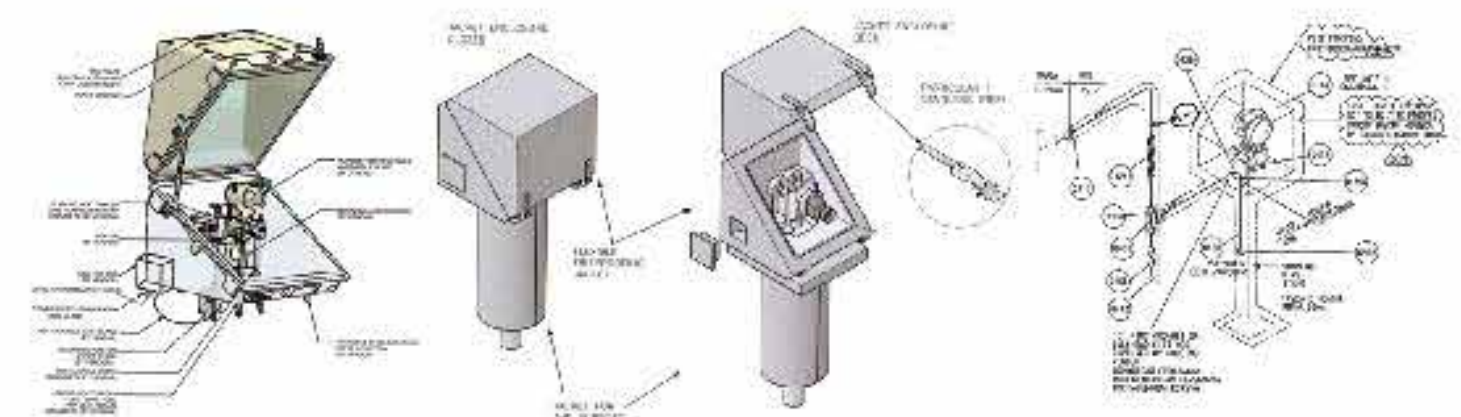
The First Combined Cable Tray U.L. 30 Minutes. That may be produced in S/S, Prepainted or Galvanized Steel



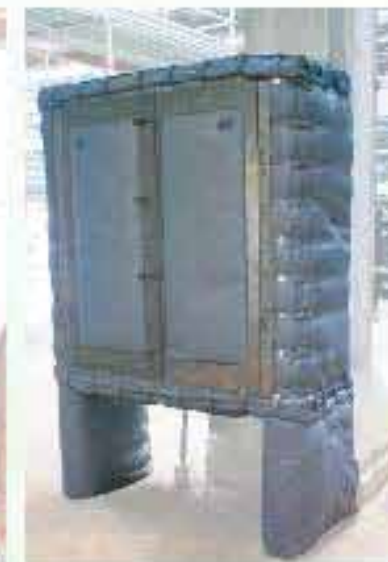
Possibility to control internal temperature in Cable Tray thanks to the natural ventilation. We may generate thanks to intumescent grids at protection of the system.



CONTROL BOARDS & INSTRUMENT BOX



OFFSHORE APPLICATION

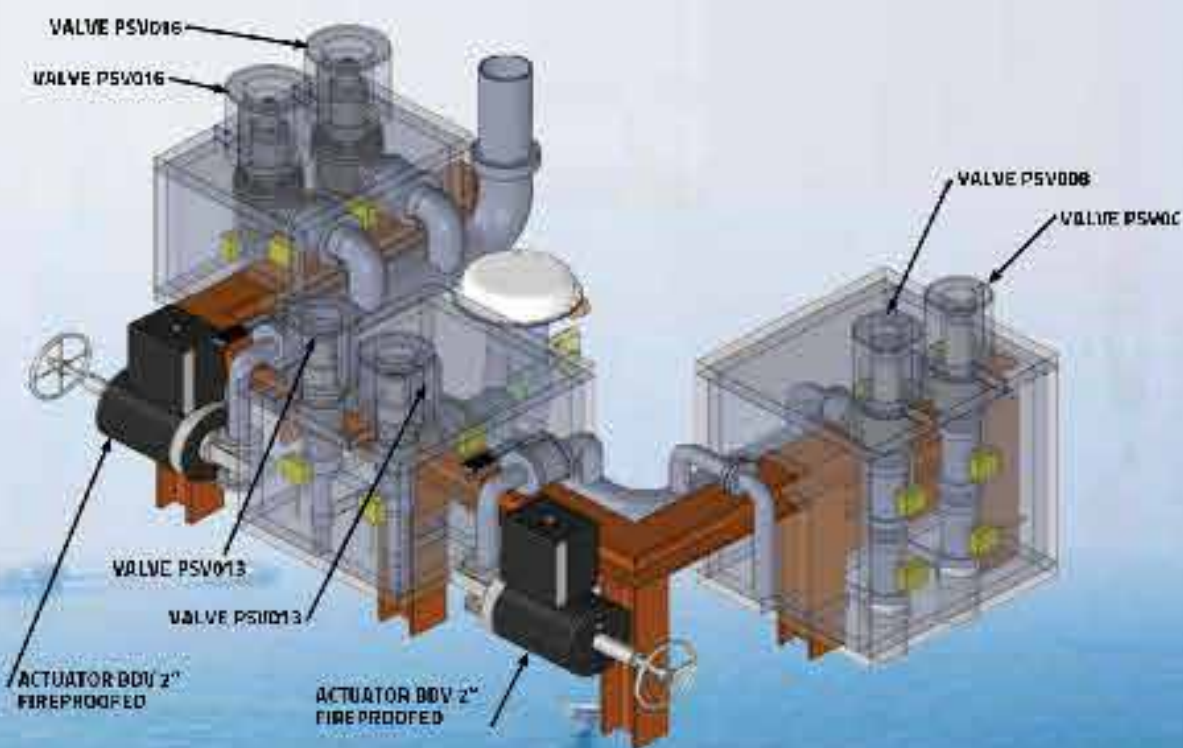


Stainless Steel Shield Epoxy Painted as Admnc Specifications.

With just one layer of EFTIES you will obtain the following advantages:



1. Personnel protection against contact with a hot surface, the temperature remain hot even if you use intumescent paint.
2. Passive fire protection.
3. Thermal insulation
4. Sound absorption
5. Cost reduction compared to the traditional multi layer application for obtaining the above effects.
6. Guarantee up to 10 years.
7. Easy installation.
8. Quick installation.
9. Easy disassembling.
10. Easy modification if change happens in the line.
11. Ventilation inside the protected cable tray for increasing the cable life.
12. For feeding lines no necessary to have final drawing because EFTIES are flexible.
13. Full healthy for the personnel.



BQC



ISO



TUV SUD



TOTAL E & P CONGO
MOHO POINTE NOIRE PROJECT



JET FIRE represents an important fire risk especially in offshore installations and might also represent a risk in other circumstances where large amounts of combustible gas are stored under pressure. The potential jet fires may vary with respect to flame length, heat flux and velocities. Important factors are the type, conditions, pressure and availability of the fuel, the geometry of the rupture and the environment.

The test fire source is an impinging propane jet. The insulation is exposed to the load of 350 kW/m² that is approx. 1370 / 1400°C for 2 hours and results are in our **Type Approval Certificates** that are needed for offshore applications.



A type approval certificate gives to the end user a consistent reduction of insurance premium especially thanks to our dedicated certified by TUV SUD software that may calculate the transient heat between the protections; this means that we may guarantee with our calculation the final internal temperature after the fire cycle in conformity with the customer targets.



Oil or LPG Storage Spheres within A Fire-Scenario Envelope:
API Standard 2510 provides specific recommendations for the passive fireproofing of LPG storage vessels against pool fires or jet fires and our **OGflex®** may satisfy to the scopes.

Horizontal /vertical pressurized storage tanks should meet essentially the same requirements as far as spheres. Fireproofing should be used far exposed steel vessel and supports.

What means for Salerno Industry: "Integrated Protection Solution".

Salerno Industry when has developed his brand new product, defined as a "TYPE APPROVED PRODUCT", to be used as an outer layer of a passive fire protection for onshore and offshore application, had as target to create a product/system that will be used not only as P.F.P. but even may have the function of thermal insulation of actuators, pipelines, flanges, supports, brackets, instrument control boards, cable trays and valves.



EMERSON NEDERLAND-HENGLO FOR SHELL



BPCL KOCHI REFINERY

Why the name "Integrated"?

Integrated because it's possible to combine some extra materials to the passive fire components to have even the function of thermal protections and/or noise reduction as sound absorption, system that will give to our customers many advantages that may be resumed in one sentence.

ONE JACKET FOR SEVERAL PURPOSE

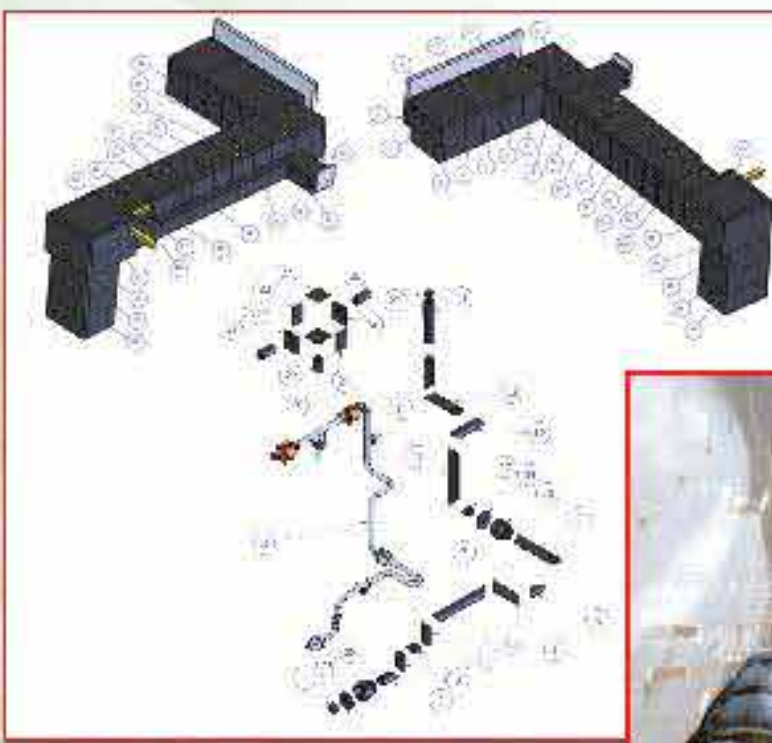
Targets achieved by our selected outside protection for the internal ceramic fibres:

1. Outside protection of the combined "sandwich"

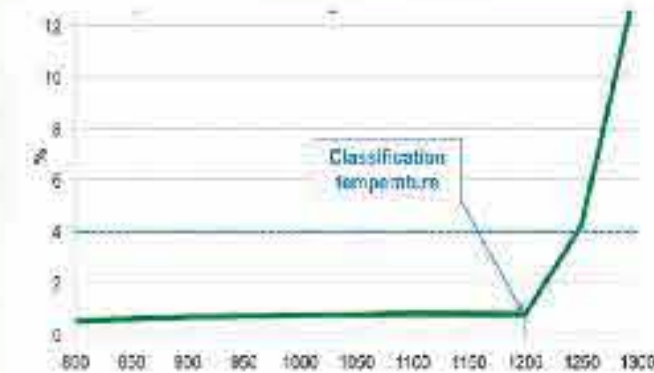
The products we have selected, either Glass fibre silicon coated or PVC UV stabilized are extremely watertight, scratch resistant, are suitable for the influence of salt water and hydrolysis. Same material may be used even for the surface at contact with the component to be protected and may vary in strict correlation with the surface temperature of the components object of the protection. Special antistatic or antiacid coating may be used to follow special requirements.

2. The outer clothing we have selected is Health and Safe, as per certificate, and are of high specific weight per sq. mt. and tolerate extremely high temperatures. From this point of view the material should be extremely fire-resistant and is also thermo-insulating to minimize the impact of the fire on the jacket.

3. For this reason we use ceramic blankets that are classified as WR (water repellent/resistant) in density of 128 kg/ cu. Mt. with the highest grade of health safety as detailed in the specific manufacturer technical bulletin.



Total E & P Congo - Measured on offshore site - designed - manufactured in our factory and installed receiving a letter for compliment



The important characteristic of our selected materials respect other similar are:

- Up to 20% reduction in thermal conductivity
- 30% more fibers
- Effective in restricting thermal energy transfer
- Less energy loss
- Less mass of fiber required to give the same performance

Lower shot content than any other alkaline earth silicate, as example (AES) and refractory ceramic (RCF) fibres

The selected Water Repellent Blankets for our **OGflex®** has all the excellent handling and fire performance features higher than other standard similar materials providing excellent resistance to water ingress due to the water repellent treatment being applied throughout the entire blanket thickness.

For all the above reasons we may grant 10 years guarantee under special conditions.



CONTROL ROOMS

This characteristic is the proper protection to the combined material that will be added for the scope above detailed of thermal protections and noise reduction in addition to the passive fire protections.

This product gives excellent thermal and physical stability up to its operational limit of approx. 1300°C. This unique high temperature vitreous wool has a very high solubility in body fluids and hence has no hazard classification. German certificate guarantee what above said.

A PFP systems, as ours, comply with the international certification that may be obtained only doing the tests in certain qualified laboratories, approved by the main oil and gas companies (see our specific technical information) and certified even by a limited list of institutes accepted by the oil and gas companies (these are listed in the same technical information above listed) all this in order to provide the effectiveness expected by the API standard.

Internal forced ventilation is provided but under passive intumescent grid for the comfort of the occupants.

