



It's a private institution of services, which has the commitment to check the fulfillment of the minimal requirements of codes or life safety and fire protection in designs, projects of construction or in existing buildings. Equally it gives the services of approving facilities or procedures of agreement with the codes or applicable procedure.





Equally offers formation and training in topics of human safety and protections against fires. Directed to builders and institutions interested in knowing and controlling these topics in their projects.



#### WHAT WE DO?

FIRE MARSHAL DE COLOMBIA S.A.S. (FMC) advises and help in the project development, with the selection of suppliers, the verification of the designs, products and services and the justification to the municipal authorities of the applicable requirements.







# Which is our feature?

FMC is an autonomous entity for the evaluation of projects and suppliers, as well for the verification of the functionality of networks against fire. We don't design or represent brands. FMC is the only colombian company in the presentation of this service.



FMC orientates its clients in their projects to know the amount of the necessary investment, in order to fulfill the legal requirements and have safe buildings.



#### DO YOU BELIEVE THAT



#### YOU ARE REALLY PROTECTED?

#### Syndrome of the false safety





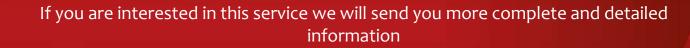
Administration of projects in life safety and fire protection.

Analysis and risk evaluation	Commissioning of proyects	Conceptual engineering	Review of designs
Analysis of offers and selection of suppliers	Life safety analysis	Inspection and tests of networks against fire	Proof of acceptance equipment
Follow-up and check of works of installation of networks against fires	Consultancy in preparations for emergencies	Education in life safety and fire protection	Advising and accompaniment opposite to local entities.
Consultancy in emergencies communication and the reputation risk	Consultancy in crisis and business continuity	Brigade training	Electronic inspections Building Reports
	Legal and technician accompaniment	Solution portfolio	
			MARSHAL

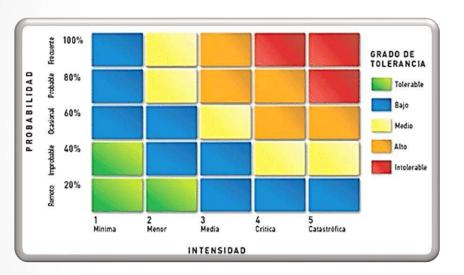


#### ELECTRONIC INSPECTIONS BUILDING REPORTS

Building Reports' easy to use scan and reporting tools, combined with an online database of safety equipment and national and local safety regulations, takes the pain out of manual paper inspection reporting for service companies. Using a simple, point-and-scan process, inspectors can easily scan safety equipment, complete a building system inspection in less time than paper-based inspection and in real-time deliver an online, comprehensive inspection report to the building owner that can be securely accessed at any point.



# ANALYSIS AND RISK EVALUATION



Identification and evaluation of the risks for the estimation of the magnitude and frequency of the potential damage to which the organization or project is exposed.

Definition of frequency, probability of occurrence, of critical functions, of controls to reduce the impact and to evaluate the cost of the controls.



#### COMMISSIONING

Systematic approach to provide documented confirmation that the fire protection and the life safety works the form foreseen by the owner and the equipment of design.

**Based on NFPA 3** 

# CONCEPTUAL ENGINEERING

The basic parameters of design are defined to identify protection alternatives and to estimate the characteristics of the project.

To analyze the basic requirements of life safety as number of exits, distances of tour, unload of the exits, signposting, between others.

An acceptable level of safety is identified against fires for the project and its analyzed, they evaluate and select the different applicable alternatives of fire protection.

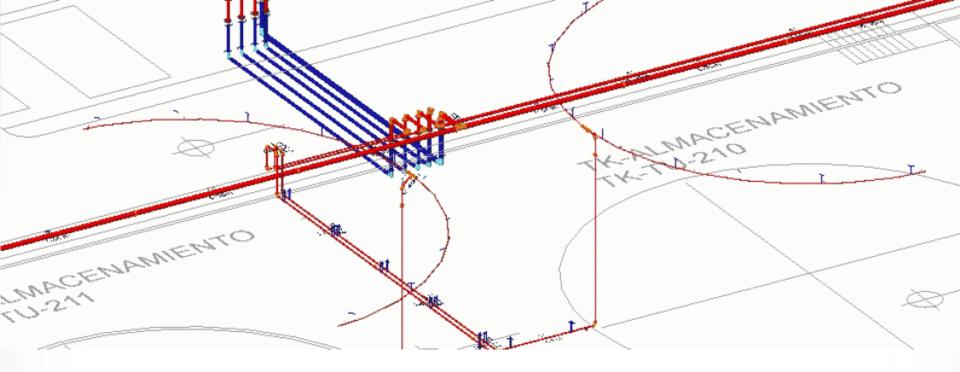




#### ANALYSIS OF OFFERS AND SELECTION OF SUPPLIERS

Analysis and evaluation of the offers for the design of the protection network against fire or for the supply and assembly of the equipments. Equally, the presentation of recommendations for the selection of the proposer of agreement with the characteristics of the project.





#### **REVIEW OF DESIGNS**

Review, verification and approval of the memories of calculation, planes of design and fulfillment of the requirements of agreement with the procedure that they apply (NSR-10, NFPA. FM).

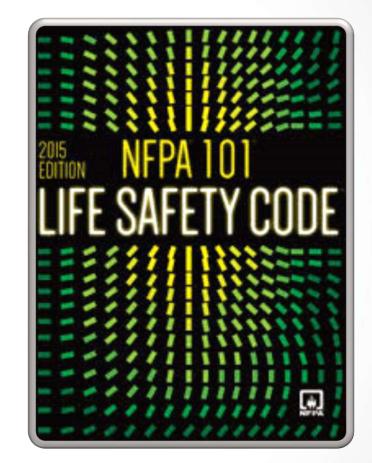




#### LIFE SAFETY ANALYSIS

To analyze the basic requirements of life safety as number of exits, width of exits, distances of tour, unload of exits, signposting, among others.

All the technical arguments presented by Fire Marshal de Colombia during the execution of the works will be backed up by the indication of the numerals that apply of the norm.









#### FOLLOW-UP AND VERIFICATION OF WORKS OF INSTALLATION OF NETWORKS AGAINST FIRES

Review of planes of assembly, verification of the procedures of assembly and works related to the protection networks against fire of agreement with the requirements of the norms NFPA and the requirements of obligatory fulfillment in Colombia.

Participation in the committees of project and visits to the projects for evaluation of the available information and verification of the advance of



the projects.



#### PROOF OF ACCEPTANCE EQUIPMENT

Protocol of tests to check that the protection systems against fires were installed according to the foreseen and to confirm his correct operation and functioning.

To check the behavior of the bomb on a variety of conditions in order to evaluate which would be the performance of the installation in an eventual emergency.

Nuevo!! Para conexiones de 1 1/2"

11/2" In-line Pitotless Nozzle

PNL75GRV

PN1.75TH



We will follow the requirements established in the norm NFPA 25, Norm of Inspection, Tests and Maintenance of **Protection Networks** Against Fire and the aspects that should apply of the norm NFPA 4, as well as other norms of the protection engineering against fires, between which you find the procedure FM and other norms NFPA that apply.

## INSPECTION AND TESTS OF NETWORKS AGAINST FIRE



#### ADVISING AND ACCOMPANIMENT OPPOSITE TO LOCAL ENTITIES.

Analysis of the requirements established in the norm NSR-10 titles J and K, of obligatory fulfillment in Colombia, also the evaluation of the requirements indicated in the procedure NFPA indexed in the NSR-10, advising and accompaniment opposite to approval by official entities.





# EDUCATION IN LIFE SAFETY AND FIRE PROTECTION

As a line of services, which it seeks to promote, to spread and to stimulate the fire protection in the buildings we offer the service of formation and education in topics of life safety and fire protection directed to builders and institutions interested in knowing and controlling these topics in their projects.



#### CONSULTANCY IN PREPARATIONS FOR EMERGENCIES

- Audit, design, documentation and implementation of emergency plans.
- The design and documentation of operative normalized protocols.
- Formation and training of the strategic and tactical component.
- Management the risk of urgencies, emergencies and disasters.







#### CONSULTANCY IN CRISIS AND BUSINESS CONTINUITY

- Analysis affectation of scenes.
- The design, documentation and implementation of plans of crisis and business continuity.
- Audit of plans of crisis and business continuity.





## CONSULTANCY IN EMERGENCIES COMMUNICATION AND THE REPUTATION RISK

- Audit, design and documentation of communication plans in crisis and emergency.
- The design of audiovisual products.
- The design of communication campaigns.

Fire Marshal de Colombia has developed a training program by modules, in the different components of an emergency plan for companies. Some of the modules:

- General administration of emergencies.
- Conformation and training of emergency brigades.
- Emergency plans preparation.
- Prevention and identification of risks.
- Evacuation plans and simulations.
- Basic and advanced first aid.
- Industrial response to emergencies with hazardous materials.

#### LEGAL AND TECHNICIAN ACCOMPANIMENT

Fire Marshal de Colombia have the experience and recognition for the technically and legally accompaniment in legal processes related to the installation, maintenance and design of fire protection networks.



#### **SOLUTION PORTFOLIO**

We advice on new alternatives of fire protection devices, which will allow you to stay updated and have the best technology of the moment.

#### **MAIN CUSTOMERS**





SEGUROS, TENDENCIAS Y RIESGOS







ARL SUra



#### **MAIN CUSTOMERS**









Todo es Posible













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