

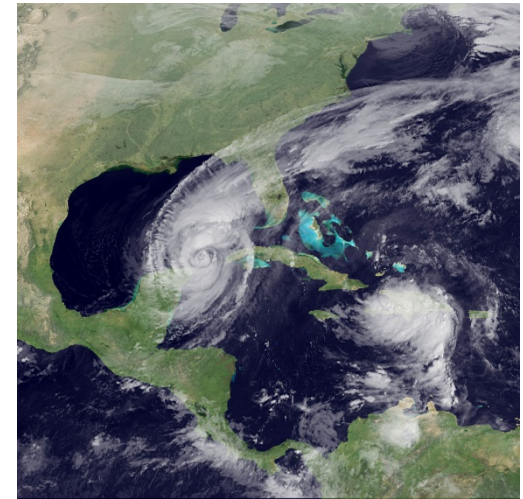
ISO Committee for Conformity Assessment (ISO/CASCO)

“How standards and conformity assessment
help to manage disaster-related risks :
International experience and best practices”

MSA Iván Palomares Hofmann
General Director
SIP ASESORES EN RIESGOS SA de CV

Introduction

Nowadays in Mexico there are policies and plans in the area of **risk management**, **business continuity** and the **conformity assessment** within the discipline of **Civil Protection**



Civil Protection



It privileges the **Risk Integral Management** and the **Operations Continuity**, through the application of measures and actions that are necessary to life safeguard, integrity and health of the population, as well as their goods or assets, the infrastructure, the productive plant and the environment.



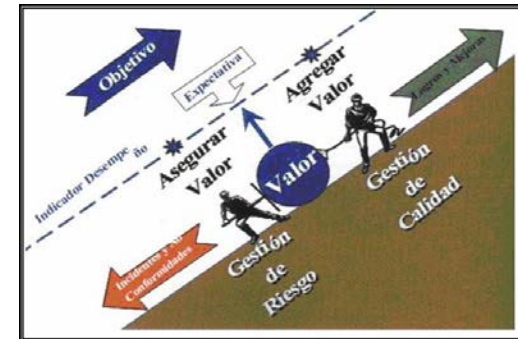
Art 2. Frac XLIII LGPC

Integral Risk Management



It is the set of actions aimed at the **identification, analysis, evaluation, control and reduction of risks**, ... by its multifactorial origin ..., which involves the **three levels of government**, as well as the sectors of society, Involves the stages of: **risk identification and / or their process of training, forecasting, prevention, mitigation, preparation, assistance, recovery and reconstruction.**

Art 2 Frac XXVIII LGPC



Operations Continuity

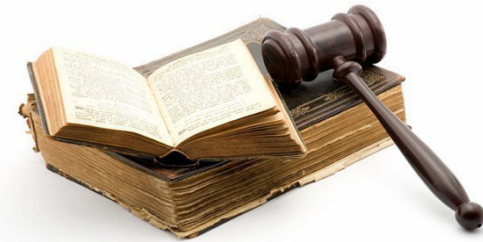
It is the process of **planning, documentation and action** that guarantees that the substantive activities of public, private and social institutions, affected by a disturbing agent, can recover and return to normal in a minimum time.

Art. 2 Frac XII. LGPC



Operations Continuity

Currently the **operations continuity** focuses, among other aspects, on critical services such as: hospitals, supply of water, electricity, food, housing, etc. which has been the result of experience in other countries, of disasters that occurred in our country and **international standards** including its **conformity assessment** through inspection activities by the authorities.



Anticipated phases to the occurrence of a disturbing agent

The **Integral Risk Management** considers, among others, the following phases in advance of the occurrence of a disturbing agent:

- I. **Knowledge of the origin and nature of the risks**, in addition to the processes of social construction of the same;
- II. **Identification of hazards, vulnerabilities and risks, as well as their scenarios**;
- III. **Analysis and evaluation of the possible effects**;



Anticipated phases to the occurrence of a disturbing agent

IV. Review of controls for impact mitigation;

IV. Actions and mechanisms for the risk prevention and mitigation;

V. Development of a greater understanding and awareness of the risks, and

VI. Strengthening the resilience of society.

Art 10. LGPC



Civil Protection National System



To address the interaction between the level of risk and disaster management in Mexico, the **National Civil Protection System** has been created, consisting of units from the three levels of governments: **Federal, State and Municipal**, having as critical problems **the coordination** between the various units at the moment of presenting a disturbing phenomenon that can cause disasters.



Sistema Nacional de
Protección Civil
SINAPROC

Civil Protection National System



This System should incorporate the **conformity assessment** of its national policies with a particular focus on disaster risk.

The main problem remains the coordination between the **different units in the three levels of government and society**, which has represented critical challenges in relation to the level of confidence of the population in the results of the conformity assessment..



Civil Protection Integral Program



It is an instrument of planning and operation, ... of a **dependency, entity, institution or agency of the public, private or social sector**; which is composed by the operational plan for the Internal Civil Protection Unit, the plan for the **continuity of operations** and the **contingency plan**, and has the purpose of mitigating the previously identified risks and defining preventive and response actions to be able to attend the eventuality of any emergency or disaster.



Art 2 Frac XLI LGPC

Civil Protection Integral Program

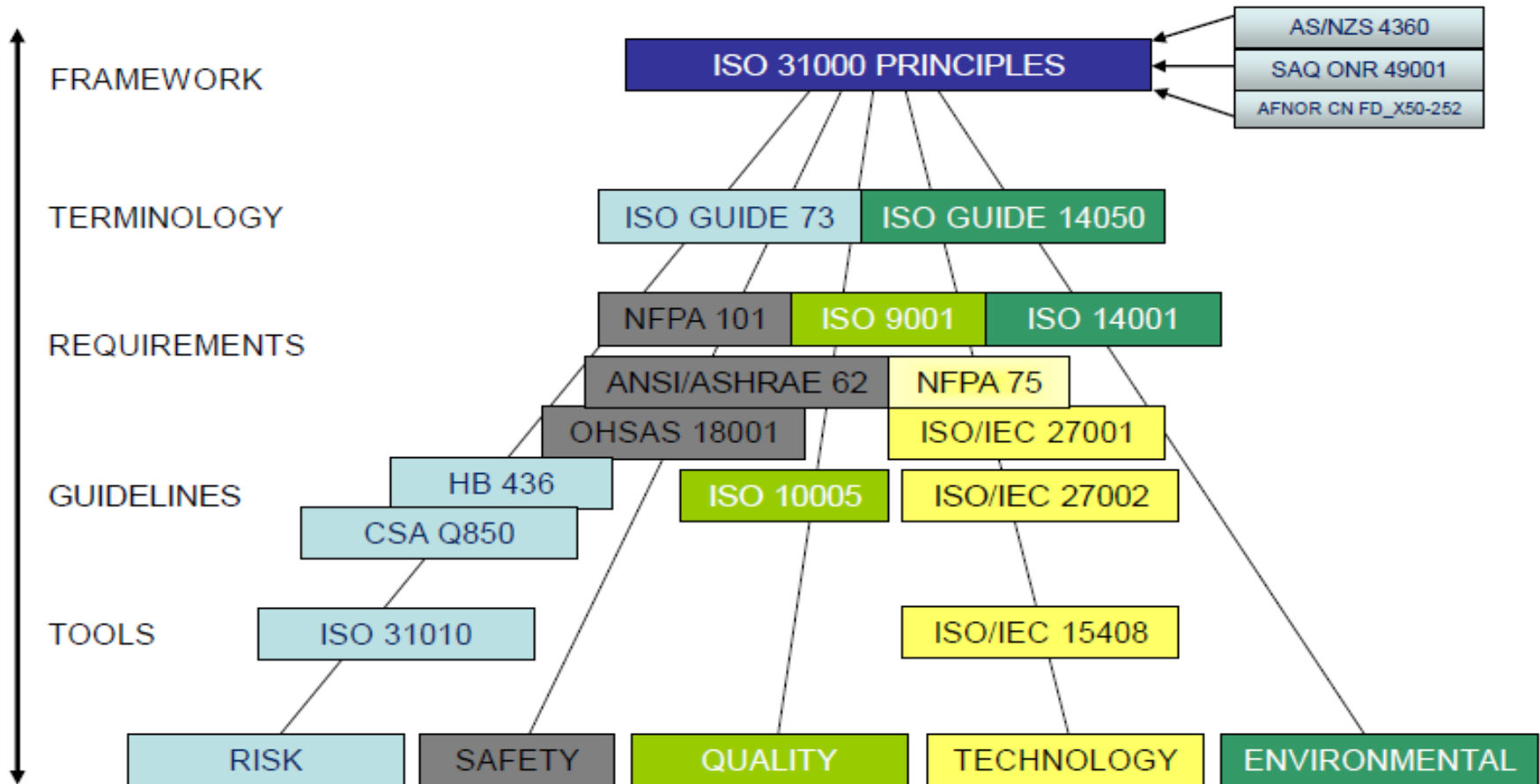


The Internal Programs of Civil Protection should be based on adequate **international standards** to address their national, state and municipal needs.

However, there is a “**Technical Guide for the preparation and implementation of the Internal Civil Protection Program**” that helps those responsible in the organizations to prepare the document, although not always in its implementation.



Standards for Risk Management



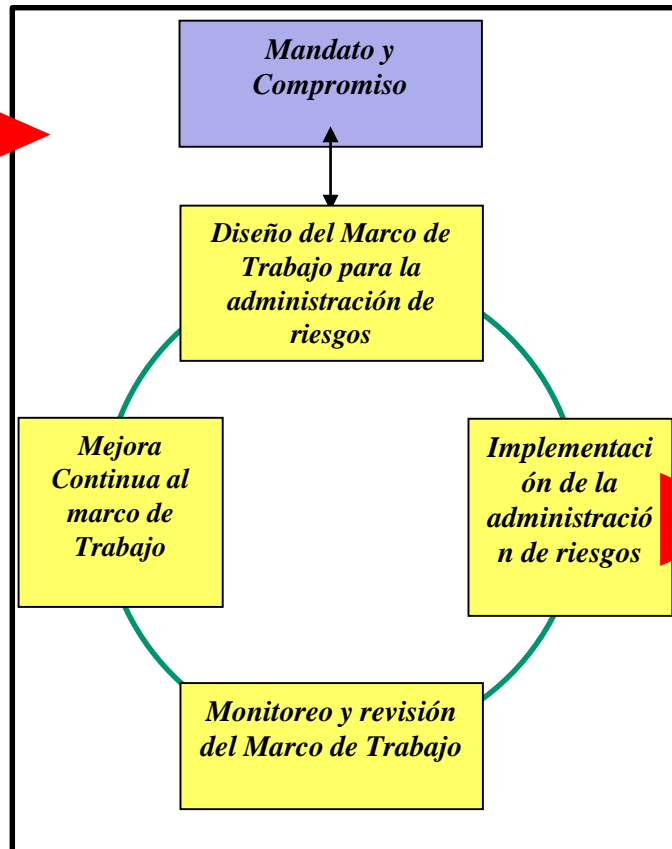
Structure of ISO 31000: 2018

Principles and Guidelines

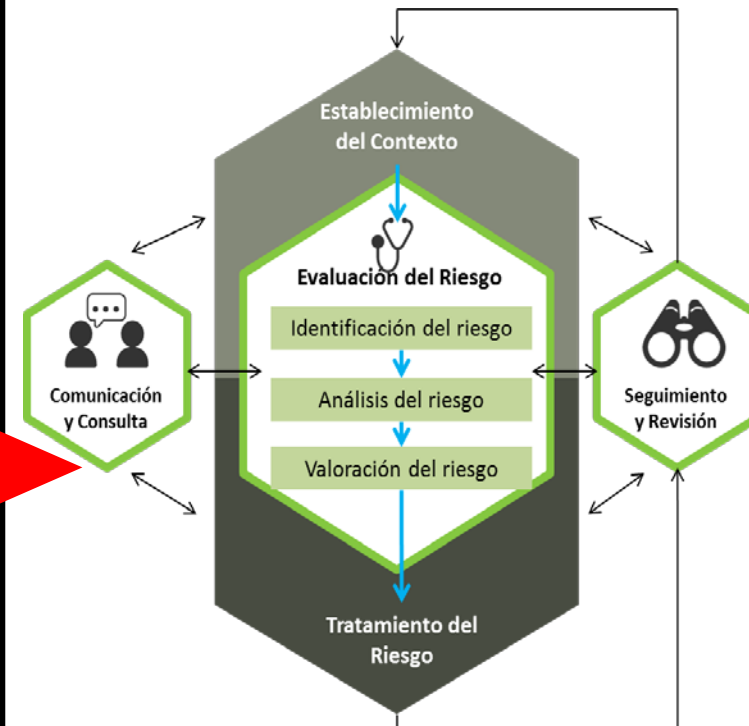
Principios

- Crea valor
- Parte integral de los procesos de la organización
- Parte de la toma de decisiones
- Atiende explícitamente la incertidumbre
- Sistemática, estructurada y oportuna
- Con base en la mejor información disponible
- Hecha a la medida
- Toma en cuenta factores humanos y culturales
- Transparente e inclusiva
- Dinámico e interactivo y sensible al cambio
- Facilita la mejora continua y la mejora de la organización

Marco de Referencia



Proceso de Gestión de Riesgos



Family ISO 31000 Review

PROY-NMX-SAST-31000-IMNC-2018

"Risk Management - Guidelines"

ANTEPROY-NMX-SAST-31004-IMNC-2016

"Risk management - Guide for the implementation of ISO 31000" which is the so-called "consistent pair"

PROY-NMX-SAST-31010-IMNC-2017

"Risk management - Risk assessment techniques"

ISO GUIDE 73

"Risk Management - Vocabulary"

There are some other standard projects within the family for specific applications such as legal risk management, travel risks, emerging risks to improve resilience, etc.

