

## Safety Corner

What is ISO 39001?

ISO 39001:2012 "Road Traffic Safety (RTS) Management Systems - Requirements with Guidance for Use" is an ISO standard that is applicable to governments, public and private organizations worldwide involving:

- the transportation of people and goods
- the operation of facilities that generate demand for transport
- personnel who are working in the road transport system
- the design, building, operation and maintenance of roads and road environments
- the design and production of cars, trucks and other road vehicles
- the provision of emergency medical assistance to crash victims

ISO 39001 does not specify any specific technical solution but outlines the requirements for an RTS management system that is flexible and adaptable to the needs and resources of large and small organisations for a more cost-effective use of the road traffic system through structured processes that:

- observes/evaluates the accident numbers, and numbers of fatalities and injuries
- provides a continuous improvement of traffic safety
- observes and evaluates events, that are in connection with the road traffic safety

The Standard lists "performance factors" that aim to reduce death and serious injury due to road accidents:

(a) Risk exposure factors

- Traffic volume and traffic mileage by vehicle and road user type
- Volume of product and/or service provided by the organization

(b) Final safety outcome factors

- The number of deaths and serious injuries

(c) Intermediate safety outcome factors

- The safe planning, design, operation and use of the road network
- The safe entry and exit of vehicles and road users
- The recovery and rehabilitation of crash victims

While ISO 39001 contains some unique features, it adopts the basic structure and terminology used in other management system standards such as ISO 9000 so that organisations already familiar with the ISO family of standards can readily adapt it to improve road safety performance.

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