SCC system description

The SCC system is primarily based on the best practices of the chemical and petrochemical industries and it is the major source of development, but can also be applied to companies operating in other fields. Twelve sets of questions provide a framework around which the SCC management system can be built and operated. These groups of questions are as follows:

1. HSE Strategy, the established organizations to implement it and the commitment of the top management of the company.
2. Complex assessment and management of risks
3. Instructions, training, and information flow
4. HSE Awareness
5. HSE Insurance for projects
6. Environmental protection
7. Emergency preparedness and response
8. HSE Checks and inspections
9. Occupational health care
10. Procurement and revision of materials, work equipment and personal protective equipment
11. Procurement of services, management of subcontractors
12. Reporting, registering and investigating HSE incidents

Each question group has additional questions and the system regulates separately which question system corresponds to which qualification level

SCC system qualification levels:

<u>SCC*: limited certificate</u>

The limited certificate judges the HSE management activity directly at the workplace. This applies to smaller enterprises with an average of up to 35 employees per calendar year (including apprentices, trainees and temporary staff). With this rating, subcontractors cannot be involved in the performance.

<u>SCC**: unrestricted certificate</u>

The unrestricted certificate assesses the HSE management activity on the one hand directly at the workplace and on the other hand on the basis of the company's HSE management system. This is applied to enterprises with an average of more than 35 employees per calendar year including employees to be trained, trainees and temporary staff.

<u>SCC^P: unrestricted certificate petrochemical grade</u>

In addition to the SCC** criteria, a company that meets the special requirements of the petrochemical industry and refineries can receive an SCCP degree.

Companies with up to 35 employees who use subcontractors to perform technical services, must obtain SCC** or SCCP certificate.

The SCC system itself contains the procedures by which it can be certified in conjunction with other occupational safety and quality management systems.

Personal certification

The SCC system uses two types of personal certifications.

- A basic certification designed for employees work in an operational area, which can be obtained by successfully passing a forty-question exam after a course.
- Advanced SCC certification for foremen and shift managers. This degree can also be obtained by successfully passing an exam following a course, but here you have to answer seventy questions.

Both certifications are valid for ten years and can only be issued by an accredited organization. A company-operated system can only be certified according to the SCC system if every relevant employee has an appropriate level of SCC personal certification.

Establish SCC system

There are five steps to building an SCC system. These five steps must be taken before we can obtain SCC certification:

Step 1: Decide if the company can be certified under the SCC system at all. The SCC system is designed for businesses that perform high-risk work in hazardous work environments.

Step 2: Determine the rating level. We need to decide which rating level is applicable to the company's operations. (Typically, the customer has the right to decide which level to prescribe for which activities)

Step 3: Determine the necessary actions. We need to determine where the company is at now in relation to the requirements for the specified qualification level and what steps are needed to ensure that our system will meet the required qualification level.

Step 4: Perform the specified steps, operate the system. We perform the steps set out in Step 3 to determine if our system is running appropriately. (Successful certification requires 3 months of SCC operation.)

Step 5: System Certification. Once we are convinced that our built system is functional and meets the criteria, we need to have our system certified by an accredited organization. If we meet the criteria, we will receive certification