

# REFERENCE CASE

INDUSTRIAL MANUFACTURING



## Health and Safety Coordination on Construction Sites for a Global German Automobile Manufacturer

Accidents on construction sites are numerous and can be caused by many different factors. Weather conditions, working with fall hazards or under the pressure of tight schedules and lack of coordination between contractors can potentially increase the risk of injury to involved workers.

Basic Facts	
Client	AUDI Hungaria Motor Kft.
Timeframe	June 2011 – December 2013
Project location	Győr, Hungary
Main services	<ul style="list-style-type: none"><li>▪ Safety coordination on the construction site</li><li>▪ Occupational safety management</li><li>▪ Safety training for employees</li></ul>
Involved regulations/standards	<ul style="list-style-type: none"><li>▪ Regulation for Health and Safety Coordination on Construction Sites (92/57/EC)</li><li>▪ EU and national occupational safety standards</li></ul>

### Initial situation and requirements

AUDI AG is a Germany-based automobile manufacturer operating in 8 countries and distributing worldwide. AUDI AG has been producing at the Győr facility since 1994. The Győr plant is the largest engine manufacturer in the world. In 2011, AUDI Hungaria Motor Kft. planned to expand its capabilities with the construction of additional new buildings. To prevent accidents during construction, the company required safety coordination services to manage interactions between 2.500 employees of international contractors based on fundamental consulting during the planning phases. Each month, over 1.000 new employees were trained in occupational safety to be prepared for safety requirements on construction sites. Instructions were offered in hungarian and german languages.

## Solutions, results

Our TÜV Rheinland experts faced many challenges due to the transnational aspect of this project. Although workers from different countries had a various understanding of technical terms, definitions varied slightly. TÜV Rheinland safety coordinators provided the detailed description necessary for each coordination rule and successfully completed the project. Due to excellent services provided and performed by TÜV Rheinland experts at the Győr facility, AUDI AG awarded our company to assist their additional investment in Puebla, Mexico.

### Did you know?

Regulations for Health and Safety on Construction Sites aim to avoid hazards and prevent accidents. They specify that a safety coordinator must be available on every construction site where employees from several companies are working.



### Benefits for the client

TÜV Rheinland supported AUDI Hungaria Motor Kft. by providing:

- A transnational team of experts in Germany and presence one-site in Hungary.
- Preparation of Health & Safety Plan including specific descriptions.
- The coordination between contractors on construction site.
- Prevention of occupational accidents.
- Transmission of knowledge and expertise through employee instructions.

### Your contact:

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### About TÜV Rheinland:

Founded over 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

We inspect technical equipment, products and services, oversee projects and help to shape processes for companies around the world. Since 2006, we have been a member of the United Nations Global Compact to promote sustainability and combat corruption. As part of our extensive on-the-job safety and health services, our specialists support you with risk assessments and matters of fire safety, occupational safety management systems, or health and safety coordination on construction sites. We also test compliance with industrial safety regulations, for example, those stipulated in industrial safety, occupational safety and equipment safety regulations.

Moreover, TÜV Rheinland health and safety coordinators can keep worker safety on track - even on large construction sites with employees from several companies. From preparing a health and safety plan, right up to provide specific site descriptions, coordinating contractors with multicultural employers on the construction site, TÜV Rheinland is the partner to trust.