

**Inspection body**  
**VVUU, a.s.**  
No. 4089



**Inspection body VVUÚ, a.s. No. 4089  
accredited by the Czech Accreditation  
Institute according to the requirements  
of the standard ČSN EN ISO / IEC 17020**



## Inspection field

Inspection of equipment and protective systems installed in explosive atmospheres.

## Type and scope of inspection

Inspection activity of a type C body to assess new and operated electrical and non-electrical equipment and protective systems in explosive atmospheres.

## Why have your technology inspected by an accredited inspection body?

Accreditation ensures the professional competence of inspectors, the up-to-date methods used during the inspection and the impartiality of their results. We help to detect incorrectly selected equipment and shortcomings in the design or installation of protective systems so that your technology meets the requirements of applicable technical regulations and standards. You will ensure the safety and reliable operation of your technology in an explosive environment.



## WHAT IS NEEDED TO START THE INSPECTION ACTIVITY?

- Classification of the environments in which the assessed equipment is installed (zoning of spaces).
- Technical and drawing documentation for the assessed equipment / protective systems.
- Fire-technical characteristics of the substances present / safety data sheets.

## Contact us

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## Inspection activities are carried out in the following areas:

- Review of the scope and completeness of technical documentation
- Assessment of the design of electrical, non-electrical and mechanical equipment
- Assessment of the design of protective systems

## What equipment do we inspect?

- Newly installed equipment
- Installed equipment (existing)
- Documentation inspection of all types of equipment and protective systems installed in hazardous areas

## What is the output of the inspection?

The output is an inspection report containing conclusions on the conformity of the design of equipment or protective systems with the requirements of applicable technical regulations and standards in relation to the specified zone and the characteristics of substances in the explosive atmosphere.

# Risk Analysis

Engineering analysis and assessments in the field of operational and process safety. Comprehensive services and solutions in the field of explosion prevention and protection of industrial facilities. A team of risk analysis experts is ready to consult and address your needs and requirements in the field of EPD, Protocols on the Identification of External Influences or risk analysis of electrical and non-electrical equipment.

# Testing

The VVUÚ, a.s. testing laboratory, No.1025, is accredited by the Czech Accreditation Institute according to ČSN EN ISO/IEC 17025:2018 for testing flammability, explosion protection, protective systems, flow, dust and technical acoustics, explosives and blasting equipment, explosibility of flammable dusts, PPE and mining machinery.

# Certification

The company VVUÚ, a.s. is a notified body 1019 for assessing the conformity of personal protective equipment against falls from a height and slipping, protective systems for use in explosive atmospheres (ATEX), explosives for civil use and selected types of machinery for use underground. The certification body VVUÚ, a.s. is also accredited for the certification of protective and rescue equipment for work at heights, conveyor belts and flexible medium-volume bags for non-hazardous materials

VVUÚ, a.s. has been assessing and defining fire and explosion risks for more than 70 years. VVUÚ, a.s. is a market leader, a company with a modern and comprehensive laboratory, testing and development background.

Ensuring safety in industry is a clearly defined direction of the company's activities. VVUÚ, a.s. offers services to all companies where there is a risk of industrial accident, explosion or fire



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