



### DETERMINATION OF FIRE PROPERTIES

Toxic liquids and solid substances in accordance with Directive No. 92/69/EEC.

### DETERMINATION OF UPPER AND LOWER EXPLOSION LIMITS AND LIMIT OXYGEN CONCENTRATION

Gas generated by wood chip gasification on gasification unit including consumption.

### DETERMINATION OF GAS EXPLOSION CHARACTERISTICS

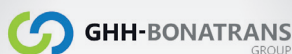
Gas sampling and analysis, derivation of chemical reactivity, stability and solubility.

### RISK ASSESSMENT

Risk source identification, risk analysis and assessment of risks of industrial accidents caused by selected dangerous chemical substances or chemical mixtures.

### DETERMINATION OF DUST DISPERSION EXPLOSION PARAMETERS

Measurement of maximum pressure, maximum speed of explosion pressure increase, explosion limits and limit oxygen concentration.



### EMERGENCY PLANNING

Optimization of emergency planning zone determination and preparation of emergency plans based on threatening manifestations of dangerous chemical substances during industrial accidents with respect to improvement of protection of inhabitants.



### DETERMINATION OF FIRE PROPERTIES

Determination of solid and liquid waste flammability class.

### DETERMINATION OF EXPLOSION PARAMETERS

Research in maximum explosion pressure, maximum speed of explosion pressure increase, explosion limits and limit oxygen concentration.

### BEHAVIOUR OF FUELS

Determination of fire safety characteristics and physical and chemical dangerousness of intermediate products and combustion products.

### ANALYSES, EVALUATION AND MEASUREMENT OF MONODISPERSE AEROSOL NANOPARTICLES IN WORKING ENVIRONMENT

Analysis of dangerousness of processed substances, evaluation of substances as to available nanoparticle measurement methods.

