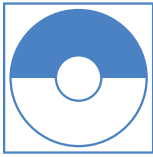


service of
pipeline
systems



SEPS

ANALYSE

PIGGING

INSPECTION

NDT

SLEEVES

RENEWAL

PROTECTION

REPAIRS

DESIGN

REVISIONS

TESTS

DRYING

PRODUCTION

LIFETIME

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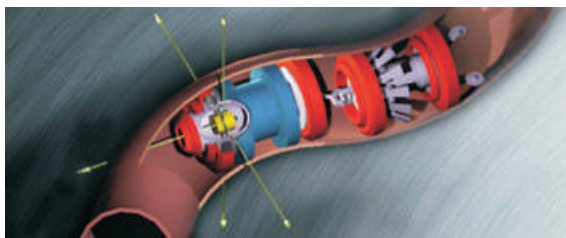


The company **SEPS, a.s., Bratislava** provides the special services for maintenance and repair of the pipeline systems and pressure vessels for transmission and distribution of gases or fluids (almost all kinds of gas components, oil, water, chemical components, etc.) using the special technologies :

- identification, sorting and chemical analysis of metals (on site - in the excavation or on scaffolding - without interruption of flow in the pipes or pressure vessels) using the portable reliable chemical analyser for welding, sorting of the metal materials and identification of chemical components in metals,



- repairs and reconstruction of pipes using hot-tapping and line plugging T.D.Williamson technology without shut-down of the flow or technology processes,
- construction of the new pipe connection from pipe or pressure vessel using hot-tapping technology without shut-down of the flow or technology processes,
- internal cleaning of pipes or hoses using special cleaning pigs, water removal and drying of pipes, special cleaning programmes for higher efficiency of the pipes etc.,
- assessment of metal loss and localization of pipeline defects in the steel pipelines from above ground survey using NoPig® inspection system,
- internal geometry inspection of the transmission pipelines using the T.D.Williamson electronic „Kaliper“ tool ,
- wall condition assessment of the pipeline systems and pressure vessels,
- integrity management and lifetime assessment of pipelines and pressure vessels,
- stress tests, hydraulic pressure tests and revisions of the pipeline systems,



With respect to the continuously increasing demands on work performance quality and services provided by the company in order to ensure maximal safety of works as well as environment protection, we follow strictly the implemented certified integrated managerial system according to the standards :

**ISO 9001, ISO 14001
and OHSAS 18001**

by the company *Det Norske Veritas.*

- internal inspection and evaluation of pipeline conditions (wall metal loss and localization of pipeline defects) using the on-line inspection tools (magnetic and ultrasonic),



- complex reconstruction and rehabilitation of pipes, pipeline systems and pressure vessels,
- the defect repairs of the pipelines using the special reinforcing sleeves without the shut-down,
- pipeline or tanks air drying up to dew point -80°C,
- design and manufacturing of the special pipeline components and pressure vessels (tanks) as mobile or permanent pig traps for pipeline cleaning, pressure filtration units, pressure separators, design, construction and building or reconstruction of steel casings including monitoring outlets etc.,
- pipeline and steel constructions corrosion protection and its repair by recoating using polyurethane materials,
 - design, construction (manufacturing or building), assessment and revisions of gas equipments and pressure vessels,



- performing and assessment of indications revealed by NDT (non destructive testing) of steel constructions (pipelines and pressure vessels) according to STN and EN standards :

- a) radiography (RT),
- b) leak test (LT),
- c) ultrasonic examination (UT),
- d) magnetic particle examination (MT),
- e) penetrant testing (PT),
- f) visual testing (VT),

by our own independent accredited NDT laboratory.

The all activities are performed according to the newest known processes with respect to guarantee the maximal safety of the people and the environment protection.

Upon welding process we follow the implemented methodology and work technologies on keeping quality requirements for welding certified according to the standard :

EN ISO 3834-2

by the company *VÚZ Certiweld Bratislava.*

