

Department is the base
for Lviv regional
branch of Ukraine
Welders Society

<http://www.tzu.key.ua>



Department of Welding, Diagnostics and Renovation of Metallic Constructions

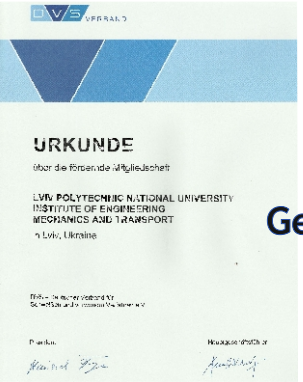


Contact person:

Head of the Department
Prof., Dr. Sci. Hanna Pokhmurska
E-mail: pokhmuska@lp.edu.ua



Lviv Polytechnic National University



Department
is a member of the
German Welding Society

<http://www.die-verbinding-spezialisten.de>

At the department
acts the student group
of Ukraine welders Society -
"Galician lions"



<http://vk.com/club52051972>



Contact address:

1 a Professorska str.,
academic building No XVI, room No 8
UA-79013, Lviv, Ukraine
+38(032) 258-25-18, zvdiv@ukr.net

<http://lp.edu.ua/node/158>



Institute
of Engineering Mechanics
and Transport

Department of Welding, Diagnostics and Renovation of Metallic Constructions



Education directions

Bachelor:
- Welding

Specialist:
- Welding technology and equipment
- Renovation and increase of wear resistance of machine parts and constructions

Magister:
- Welding technology and equipment
- Renovation and increase of wear resistance of machine parts and constructions

Scientific topics

Development of new methods of welding and surfacing of composite and dissimilar materials

Development of new materials and deposition processes of protective- and restoration coatings for machine parts and metal constructions in order to increase their service performance

Creating of scientific principles for increasing of metal constructions reliability considering the stress state of welded joints

Diagnostics of the stress state of the shell construction elements with defects in welded joints and evaluation of their durability

Teaching laboratories

- Computer simulation and automatization of welding processes
- Friction welding, resistance welding
- Automatic fusion welding
- Welded constructions, stresses and strains
- Manual arc welding and surfacing
- Restoration and protection of metal constructions elements

- Flame processing of of metals and quality control
- Theory of welding processes and metallography
- Welding power supplies
- Diagnostic of the stress-state of pipelines
- Corrosion and wear protection
- Regional educational centers of modern welding equipment (JSC Simferopol Motor Works and JSC Kahovskij factory of electric welding equipment)

