

DURO ĐAKOVIĆ Research and Development Center Ltd. former Institute „DURO ĐAKOVIĆ“,
The present **COMPANY** for engineering and manufacturing services

- The screening and remediation of industrial and power equipment
- Supervision of welding works and certification systems
- Laboratory and field testing of materials and equipment

FIELD OF ACTIVITIES: TECHNOLOGIES, TESTING AND CALIBRATION TECHNOLOGIES

- preparation and verification of welding technologies
- training and verification of welders
- testing, verification and calibration of welding equipment

TESTING

- testing carrying capacity of steel constructions
- mechanical testing of material
- chemical testing of material
- anti-corrosion testing
- non-destructive testing of materials (ultrasound, Röntgen, magnetic particle, penetrants)
- steel structures testing with maximal load
- testing of constructional maximal load and construction frequencies
- testing of wasted water
- environment protection (expertisesd, new technologies)

TRAINING

- all kinds of training for welding technologies (REL, MIG, MAG, TIG, GAS)
- training for transportation vehicles (fork lift truck, crane etc)

ACTIVITIES WITHIN DEPARTMENTS

DEPARTEMENT FOR TESTING OF MATERIALS AND EQUIPMENT

Manager: **Josip Ajduković**, dipl.ing, tel: 00385-35-447-859, 00385-98-981-3906, E-mail: ajdukovic@ddcir.hr

FIELD OF ACTIVITIES:

- laboratory and field testing of materials, devices, and equipment for the building
- laboratory and field testing of technological procedures
- reception control products and services (materials, devices, equipment)
- supervision during producing, making and mounting equipment and installations

LABORATORY FOR MECHANICAL TESTING

- mechanical testing of material: mechanics of fracture, strength tension, toughness, hardness

NON-DESTRUCTIVE LABORATORY

- non-destructive testings: radiography and isotopes, ultrasound, acoustic emission, magnetic particles, penetrants

LABORATORY FOR CHEMICAL TESTING

- testing of chemical composition of materials
- testing of coatings against corrosion
- testing wasted water

LABORATORY FOR METALLOGRAPHIC TESTING

- testing of macro and micro structure of material
- testing by replicas

LABORATORY FOR INDUSTRIAL AND POWER EQUIPMENT

Manager: Mario Šimić, dipl.ing, tel: ++385/35/447-659 or ++385/98/981-3907, e-mail: simic@ddcir.hr

FIELD OF ACTIVITIES:

- valuation of the life cycle and residual work time of thermoenergetical systems

DEPARTMENT FOR WELDING

Manager: **Mirella Sekulić-Mustapić**, dipl.ing, tel: ++385/35/447-695, e-mail: mirella@ddcir.hr

FIELD OF ACTIVITIES:

- supervising of welding business
- certification of welders
- certification of welding technologies and procedures

FIELD OF EDUCATION:

- education of welders
- education for manipulators with construction vehicles
- education for manipulators of fork lift trucks and cranes