

R 208- 11/2019- FHR

**FRAMEWORK COOPERATION AGREEMENT**  
based on § 51 Act No. 40/1964 Zb. Civil code  
(„Agreement“)

I. Parties of Agreement

1)

**Technical University of Košice, Faculty of Materials, Metallurgy and Recycling**

Postal address: Letná 9, 042 00 Košice

Statutory representative: Professor Stanislav Kmeť, Rector of the University

Person authorized to sign and change the contractual relationship:

Assoc. prof. Iveta Vasková, Dean of the Faculty

Company ID (IČO): 00397610

VAT No. (IČ DPH): SK2020486710

Bank: Štátna pokladnica SR

Account No. (IBAN): SK85 8180 0000 0070 0015 1476

Public high school based on SVK Act No. 131/2002 Z. z. Higher Education Act and on amendments to certain acts

(„FMMR TUKE“)

2)

**Punch Precision Detva, s. r. o.**

Postal address: Stráž 223, 960 01 Zvolen

Statutory representative: Pascal De Keyser, CEO

Company ID (IČO): 51066246

VAT No. (IČ DPH): SK2120578966

Bank: Slovenská sporiteľňa, a.s.

Account No. (IBAN): SK19 0900 0000 0051 3492 8237

Registered in the SVK Commercial Register of the Banská Bystrica District Court, Section: Sro (Ltd), Insert No: 32568/S

(„Punch Precision“)

II. SUBJECT

The subject of this Agreement is an agreement for cooperation in specified areas that is useful and beneficial to both parties. In particular, these areas of cooperation are:

- a) exchange of scientific and research information;
- b) exchange of expertise on the implementation of science, research and innovation results;
- c) active cooperation in the training of the staff of both Parties;
- d) actively cooperate and create conditions for the practice of FMMR TUKE students in Punch Precision and for conducting yearly excursions,
- e) actively cooperate and create conditions for topics of student bachelor's and engineer's thesis, their partial realization in Punch Precision, or in close cooperation,
- f) active cooperation in the preparation of opponents' reviews of final thesis in bachelor and engineering studies and participation of representatives of Punch

Precision in commissions for defense of bachelor's and engineer's thesis at FMMR TUKE,

- g) active cooperation and the creation of conditions for joint application and dissemination of research and development activities; innovative projects financed from public or private sources in Slovakia and / or abroad,
- h) carrying out research and development tasks on the basis of research contract orders, identifying responsible investigators on both sides and prioritizing the following:
  - Simulation and testing of deformation properties of forging materials and their use in the design of forging operations,
  - Optimization of Al-alloy chemical composition for forging to achieve desired product properties,
  - Optimization of structural parameters of input semi-finished products - pressed and cast bars to achieve the desired final properties of forgings
  - Influence of technological parameters of casting and heat treatment on structural and other material properties of input semi-products and forgings,
  - Influence of technological parameters in forging process on final product properties and production productivity,
  - Optimization of heat treatment processes of forgings by hardening,
  - Investigation of the influence of technological parameters of production on properties and surface quality of forgings,
  - Study of impact of production process auxiliary operations on the properties and surface quality of forgings,
  - Designing smart identification options for product quality characteristics and managing non-conforming products,
  - Optimization of material flows and handling operations of the production process.
- i) Realization of bachelor's, engineer's and other works focused on the processes of continuous improvement of the production process of forgings and material characteristics.
- j) Targeted financial support from Punch Precision s. r. o. for the FMMR in taking steps leading to development of education, development of science and research, especially in way of building joint laboratories, modernization and student support.

### III. GENERAL AND FINAL PROVISIONS

- 1) Parties of Agreement agree to place the FMMR TUKE and Punch Precision name and/or logo on joint promo/marketing materials as partner organizations.
- 2) In case of participation of both contracting parties in specific projects, the rights and obligations of the contracting parties in connection with the execution and implementation of these projects shall be defined in writing by implementing contracts, orders of research inquires referring to this Agreement.
- 3) This Agreement is concluded for an unlimited period.
- 4) This Agreement may only be amended by written amendments signed by the statutory representatives of both Parties.

- 5) The validity of the contract may be terminated by a written notice of one of the contracting parties, signed by the statutory representative and its delivery to the other contracting party. In the case of joint projects arising under the principles of this Agreement and the rights and obligations of the Parties in relation to the Projects, these will continue to be governed by this written adjustment of mutual rights and obligations until such projects are completed.
- 6) This Agreement is drawn up in four counterparts, two for each Party of Agreement.
- 7) This Agreement shall enter into validity on the day of its signing by both Parties and shall take effect on the day following the date of its publication in the Central Register of Contracts kept at the Office of the Government of the Slovak Republic pursuant to Section 47a of Act no. 40/1964 Coll. Civil Code as amended and Section 5a of Act no. 211/2000 Coll. on Free Access to Information and on Amendments and Supplements to Certain Acts, as amended.

In Detva, 9.7.2019

In Detva, 9.7.2019

on behalf of FMMR TUKE

on behalf of Punch Precision Detva, s.r.o.



Assoc. prof. Iveta Vasková  
dean of FMMR TUKE



Pascal De Keyser  
CEO of Punch Precision Detva, s.r.o.