Ministry of Education and Science of Ukraine

Ukrainian State University of Science and Technologies

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| [Faculty of Mechanical Engineering](https://nmetau.edu.ua/en/mfac/i1006) |

(faculty)

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| [Department of Technology of Machine Building](https://nmetau.edu.ua/en/mdiv/i2025) |

(department)

**Descriptive Note**

to Bachelor’s qualification work

(higher education degree)

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| on the topic: | Development of the engineering process of manufacturing the sleeve | |
|  | of a plunger pump in small-scale production | |
| under study program: | | Technology of Machine-Building |

131.180022.ПЗ

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| Speciality: | 131- applied mechanics | | |
| (speciality and its code ) | | | |
| Done by the student of the group: | | ІМ01-18 |  | |

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|  |  |  | Oleksii DANOVYCH |

(name, surname)

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| Supervisor: |  |  | / doc. Svitlana NEHRUB / |

(position, name, surname)

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| --- | --- | --- | --- |
| Normative controller : |  |  | / doc. Dmytro SAMOKISH / |

(position, name, surname)

Сonsultants:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analytic chapter |  |  |  | / doc. Svitlana NEHRUB / |

(Chapter title heading) (position, name, surname)

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| --- | --- | --- | --- | --- |
| Main chapter |  |  |  | / doc. Svitlana NEHRUB / |

(Chapter title heading) (position, name, surname)

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| Occupational safety and  environmental protection |  |  |  | /prof. Leonid HRES / |

(Chapter title heading) (position, name, surname)

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(Chapter title heading) (position, name, surname)

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Dnipro – 2022\_\_