

**"CLAIM"**  
**Head of the department**  
**of Standardization, certification and metrology**  
**professor Baykhozhaeva B.U.**  
«09» \_\_\_\_\_ 2021

**The list of topics for graduation theses in the specialty 5BO73200 - "Standardization and certification" for the 2021-2022 academic year**

1. The implementation of integrated management systems for food-processing industry (LLP «Raimbek»)
2. Testing the fire danger construction materials on the example of LLP «KazMunaiGas Onimderi»
3. Quality assurance of concrete mix using modified additives on the example of "BI Group" LLP
4. Quality assurance of certificate testing of construction materials
5. Organization of labor safety by standard ICO 45001 on an example of a heat power center LLP "BI-Industrial"
6. Development of recommendations for improving the quality of two-axle bogies of railway cars by technological methods in LLP "RBM Astana"
7. Development of recommendations for improving the quality system of landscaping of "Ademi Astana" LLP
8. Development of recommendations for improving the environmental management in accordance with requirements of standard ISO 14000 JSC "Stroykonstruktsiya"
9. Improving the risk management methodical to ensure quality control of construction work on the example of "Al Con Ser LTD" LLP
10. Improvement of production for quality control of asphalt concrete mixtures during road construction on the example of LPP «Yarus»
11. Improvement of the quality management system on the example of "Astana-Trans-Oil" LLP
12. Enhancement of quality control of products on the example of «KazTransCom» LLP
13. Manufacturing and quality control analyses of dry construction mixes in RK
14. Improving the quality of organic products in the Republic of Kazakhstan on the basis of traceability.
15. Development of recommendations for the use of a risk-based approach in the production of ceramic bricks
16. Development of the risk management system as instrument of quality management
17. Improving the protection of machines against corrosion
18. Improving the quality of pipelines by non-destructive testing methods
19. Improving quality control of welded seams by non-destructive testing methods
20. Improving quality control of road construction
21. Improving the quality control of road construction bitumen materials
22. Development of measures to improve the quality of highways
23. Development of measures to improve the quality of steel doors in the conditions of "Iron-Service" LLP
24. Improvement of the occupational health and safety system based on the ISO45001 standard in SK Bazar LLP
25. Improvement of the safety system in construction based on international standards
26. Improving the quality of energy saving and illumination of the machine shop of a manufacturing enterprise
27. Improving the quality of energy savings based on renewable energy sources
28. Development of methods for selection of metrological equipment for quality control of residential buildings
29. Creating a model for selecting metrological quality control equipment for road construction
30. Research of metrological indicators of devices and means of measuring dairy products

31. Study of metrological indicators of the rolling mill DUO-2
32. Researching of Metrological support for measuring the quantity of goods at petroleum product distribution points
33. Researching of technological parameters of the pasta production process on the example of «Rola-7» LLP
34. Investigation of technological regimes during ore mining on the example of the Zhezkazgan mining and processing plant
35. Ensuring technical regulation and uniformity of measurements of the enterprise «SemAZ» LLP
36. Development of a quality management system recommendation for a ferroalloy plant
37. Development of a quality management system recommendation for the enterprise LLP "Asia-Auto"
38. Development of recommendations for improving the quality management system in the conditions of JSC "Aluminum of Kazakhstan"
39. Совершенствование контроля качества автотранспортных средств в условиях АО «Национальный центр экспертизы и сертификации» г. Нур-Султан
40. Improvement of quality control of milk and dairy products in the conditions of JSC APK «Adal»
41. Improvement of quality control methods for steel ingots on the example of JSC "Arcelor Mittal Temirtau"
42. Implementation of risk management in organizations
43. Notification of conformity assessment bodies in the Republic of Kazakhstan
44. Evaluation of the quality of perfumery and cosmetic products in accordance with the technical regulations TR CU 009/2011
45. Assessment of the quality of pyrotechnic products in accordance with the technical regulations TR CU 006/2011
46. Evaluation of the quality of specialized food in accordance with the technical regulations of the Customs Union TR CU 005/2011
47. Assessment of the quality of packaging in accordance with the technical regulations of the Customs Union TR CU 005/2011
48. Confirmation of compliance of electric toys with the requirements of TR CU 008/2011
49. Development and improvement of requirements for the technical competence of an accredited laboratory
50. Development of a methodology for qualimetric assessment of the quality of educational services
51. Development of a methodology for calculating the effectiveness of the functioning of the quality management system in a university
52. Development of proposals for improving the quality assessment of the processes of technical service enterprises
53. Development of recommendations for improving regulatory requirements for drinking water
54. Development of recommendations for improving the QMS of testing laboratories in the conditions of improvisation
55. Development of recommendations for quality management in the design and implementation of QMS at public catering enterprises
56. Harmonization of national standards in the field of the agro-industrial complex with international standards
57. Study of environmental aspects and development of recommendations for improving environmental management
58. Regulatory and methodological support of accreditation procedures of the testing laboratory
59. Improving the quality of oil refining products on the example of Pavlodar Petrochemical Plant LLP
60. Development of recommendations for metrological support of production
61. Development of recommendations to motivate employees to work safely on the example of the construction company
62. Development of recommendations on the implementation of the anti-corruption standard in the Republic of Kazakhstan on the example of JSC MIA "Kazinform"
63. Development of recommendations for ensuring the quality of building materials on the example of LLP «Kazprom Cert»
64. Development of recommendations for assessing the quality and safety of imported medical



- equipment
65. Development of recommendations for improving the procedure for certification of management systems
  66. Development of recommendations for improving the employee motivation system using the example of «Orda Construction Co.» LLP
  67. Development of recommendations for improving the personnel management system in the organization
  68. Investigation of the mechanical properties of heat-resistant steels
  69. Investigation of technological regimes in the utilization of metallurgical production wastes
  70. Determination of the optimal technological conditions for rolling steel sheets
  71. Development of recommendations for improving the system of public services in the field of metrology
  72. Development of recommendations for improving the system of public services in the field of standardization
  73. Development and justification of technological parameters of the firing process
  74. Development of pyrometallurgical methods for metal smelting
  75. Development of recommendations for improving the quality of building concrete
  76. Development of a recommendation for a quality management system in the production of receiving plastic bags
  77. Improving quality control of precious metals in the conditions of JSC "National Center for expertise and certification" of Nur-Sultan
  78. Improvement of quality control methods for samples of construction products
  79. Improvement of methods of quality control of electricity distribution
  80. Analysis of the production and testing of transformers in the conditions of JSC «Kantau Transformer Plant»
  81. Testing, quality control and safety of power transformers in the laboratory of JSC «Kantau Transformer Plant»
  82. Product quality control and resource analysis in the testing laboratory on the example of JSC «National center for Expertise and Certification»
  83. Quality control of welded joints of metal structures in a testing laboratory
  84. Ensuring occupational safety during the repair and maintenance of vehicles
  85. Improving the quality and energy efficiency of residential buildings based on «green» construction technologies
  86. Improving the quality of repair work in the conditions of LLP «S.G.M Group»
  87. Improving the risk management methodology to ensure quality control of construction services
  88. Improving the regulatory and technical base of hotel complex services in the aftermath of the Covid 19 pandemic
  89. Improving the personnel management system in the conditions of a construction company
  90. Improvement of the management system of construction facilities in accordance with the modern requirements of the «smart» city
  91. Technical diagnostics and quality control of pipelines on the example of the laboratory of LLP «AstanaSpetsControl»
  92. Analysis of the state of instrumental measurements of physical factors and organization of production control in laboratories
  93. Quality control of welded joints of steel products in conditions of "Дефектоскопия" LLP
  94. Metrological provision of medical devices on the example of "National Center of Expertise and Certification"
  95. Optimization of the internal system of work in the clinical diagnostic laboratory "MED: Эталон"
  96. Confirmation of compliance as a factor in increasing the competitiveness of domestic companies in the world market in the conditions of National Chamber of Entrepreneurs "Atameken"
  97. Development and implementation of an information security management system
  98. Development of methods for testing and quality control of concrete for basement walls in the conditions of JSC "Stroykontsruktsia"
  99. Development of a methodology for assessing environmental risks and the likelihood of negative

- environmental changes in the conditions of the East Kazakhstan region
100. Development of principles and evaluation of factors to increase the competitiveness of domestic companies in the conditions of NCE "Atameken"
  101. Quality improvement guidelines aimed at increasing profits in the clinical diagnostic laboratory "Olimp"
  102. Improvement processes of technosphere safety of objects on industrial enterprises condition in Ust-Kamenogorsk
  103. Improvement of technical indicators of concrete quality with the use of additional additives
  104. Management and assessment of environmental risks probability of occurrence of negative changes in the natural environment in the conditions of the East Kazakhstan region
  105. Quality management of a given process (at any stage of the life cycle) at an industrial enterprise