

## QURILISHDA ISHCHI XODIMLARNING XAVFSIZLIGINI TA'MINLASH

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**Annotatsiya.** Ushbu maqolada, qurilish va ishlab chiqarish sohasida xavfsiz va sog'lom mehnat sharoitlarini yaratib berish uchun mavjud muammolar va ularni bartaraf etish bo'yicha amalga oshirilgan ilmiy tadqiqotlarning natijalarini ifodalangan. Shuningdek, maqolada mazkur masala yuzasidan muallif tomonidan shakllantirilgan ilmiy taklif va amaliy tavsiyalar o'z ifodasini topgan.

**Kalit so'zlar va iboralar:** "Balandlikda ishlash, xavfsizlik, xavf, shaxsiy himoya vasitalari, ish joylarida sanitariya gigiyena, ortiqcha jismoniy zo'riqish va ruhiy charchash".

## ENSURING SAFETY OF WORKERS IN CONSTRUCTION

**Abstract.** In this article, the results of scientific research on the existing problems and their elimination in order to create safe and healthy working conditions in the field of construction and production are expressed. Also, the article contains the scientific proposals and practical recommendations formulated by the author on this issue.

**Key words and phrases:** "Work at height, safety, risk, personal protective equipment, sanitary hygiene at work, physical overexertion and mental fatigue".

## ОБЕСПЕЧЕНИЕ БЕЗОПАСНОСТИ РАБОТНИКОВ В СТРОИТЕЛЬСТВЕ

**Аннотация.** В данной статье представлены результаты научных исследований по существующим проблемам и их устранению в целях создания безопасных и здоровых условий труда в сфере строительства и производства. Также в статье содержатся научные предложения и практические рекомендации, сформулированные автором по данному вопросу.

**Ключевые слова и фразы:** «Работа на высоте, безопасность, риск, средства индивидуальной защиты, санитарная гигиена на производстве, физическое перенапряжение и умственное утомление».

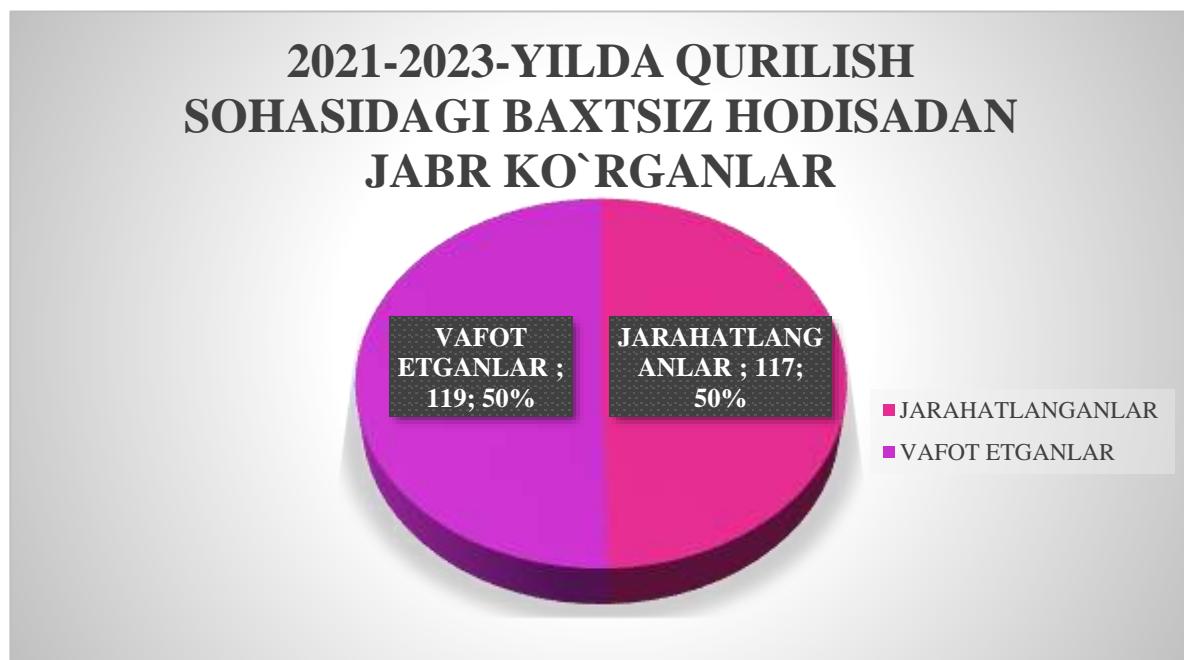
### Kirish.

Dunyodagi barcha davlatlar ham shahar va boshqa aholi yashash manzilgohiga o'ziga xos ulug'vorlik beruvchi binolar qurilishiga alohida e'tibor qaratadi. Sababi dunyoning rivojlangan davlatlari qatoriga kirishda davlat tashkiloti muassalari va aholi uchun qulay turar joy binolarining mavjudligi muhim omildir. Qurilish me'morchilik haqida gap ketar ekan, unda quruvchilar mehnati va xavfsizligini alohida takidlash lozim. Afsuski bugungi kunda ko'pchilik qurilish jarayonlarida ishchilarining hayot xavfsizligi to'la taminlangan deb bo'lmaydi. Biz 20-30 m balandlikda ham quruvchilarining ishonchsiz havozalar ustida, o'ta xavfli sharoitda mehnat qilayotganiga ko'p bora guvohi bo'lganmiz.

Hozirgi kunda O'zbekistonda osmon o'par binolar va massivlar barpo etilyapdi. Bundan ko'rindaniki ishchi kuchiga bo'lgan talablar oshadi, yurtimizda qurilish sohasida faoliyat olib borilayotgan korxonalar kundan kunga, yildan yilga oshib ko'payib bormoqda. Demak ishchi xodim va korxonani xavfsizligi talabi tobora o'sib boradi va texnika xavfsizligi xodimi (oliy ma'lumotli) kerak bo'ladi. Texnika xavfsizligi xodimlari asosiy vazifalari qurilish maydonlarida va uning bilan bog'liq ish jarayonlarida sodir bo'ladigan jarahotlanish va boshqa baxtsizliklarini keltirib chiqaradigan sabablar, bartaraf qilish va tashkilot mamuriyatining ishchi va xizmatchilariga ish sharoitini yaxshilab berish ustida nazoratni o'z qo'liga oladi.

So'ngi 3-yilda qurilish sohasining o'zida ro'y bergan baxtsiz hodisalar oqibatida 119 kishi vafot etgan, 117 kishi jarohatlangan.

Agar xodim baxtsiz hodisa tufayli vafot etgan bo'lsa, bir martalik 6 yillik o'rtacha ish haqi to'lab berilishi kerak. Qaramog'ida farzandllari bo'lsa, marhumning o'rtacha oylik maoshi ularning soniga bo'linadi hamda har bir farzandi 18 yoshga kirguncha to'lab boriladi. Baxtsiz hodisa oqibatida jarohat olgan bo'lsa, bir martalik to'lov bir yillik o'rtacha ish haqini tashkil etishi darkor.



Qurilish tashkilotida bo'ladimi, boshqa korxona bo'ladimi, agar ish beruvchining fuqorolik javobgarligini majburiy sug'urtalanmagan bo'lsa, turgan gap, baxtsiz hodisani yashirishga urinadi. Ming afsuski, biz bu bilan kurashmoqdamiz, ammo uning samarasini sal pastroq. Buning uchun Buning uchun mehnat muhofazasi qilish sohasini ham raqamlashtiramiz kerak. Bugungi kunda biz, baxtsiz hodsa sodir bo'lgach, uning oqibatini kurashishni boshlaymiz. Lekin, bizning taklifimiz, butun jahonda tatbiq qilingan amaliyot, ya'ni har bir xavf-xatar, baxtsiz hodisa ehtimolini baholangan holda mehnat muhofaza qilishni boshqarish tizimini joriy qilishdir.

Mehnat xavfsizligini taminlash uchun bu mehnat jarayonida odamlar sog'ligini saqlab qolishga qaratilgan bir qator texnikaviy tashkiliy tozalik va davolanish bo'yicha tadbir choralarini

ishlab chiqish va amalda bajarilishini taminlash hamda nazorat qilib borishdan iboratdir. Mehnat xavfsizligini boshqarish va xavfsizligi taminlash quyidagi 10 ta shartni bajarilishini bilan amalgalashiriladi:

- Xavfsiz mehnat qilishga o'rgatish va targ'ibot qilish
- Uskunalarining xavfsizligini taminlash
- Xavfsiz ish uslubini taminlash
- Bino va inshootlarni ustuvorligini taminlash
- Mehnat sharotini sog'lomlashtirish
- Ishchilarni xavfsiz himoya vositalari bilan taminlash
- Eng qulay mehnat sharoitini va dam olish tartibini joriy qilish
- Kasb kasaligini omilarini nazorat qilish va o'z vaqtida davolanish tashkil etish
- Dam olish sharoitini yaxshilash
- Ishchilarni ixtisosiga malakasiga qarab ishga jalb etish.

Qurilishda ishchi xodimlarning ishiga va ish vazifalariga qarab 3 ga bo'linadi:

1-bevosita quruvchilar

2-qurilish uskunalarini boshqaruvchi ishchilar

3-muhandis va quruvchi ustalar

Qurilishda ishlab chiqarish sanitariyasi tozalik va ozodalik bo'yicha taadbirlaar majmuasi tuzishdan iborat bo'lib maqsadi ishlab chiqarish korxonalarida sog'lom mehnat sharoitini yaratishdir. Quruvchining o'ziga xos jihatlari, ya'ni ish joyining doim o'zgarib turishi, ochiq havoda bo'lisi, bir nechta ish jarayonlarini bajara olishi va boshqalar ish joyida mo'tadil iqlim sharoitini yaratishga imkon bermaydi. Shu sababdan salomatlik va ozodalik quruvchilar uchun ish joylarida ishtimoiy va tibbiy xizmat ko'rsatish borasida maxsus uslubiy yo'larni izlashni taqozo qiladi.

Qurilish materialari sanoatida masalan sement, ohak, asfaltbeton va asbofaner ishlab chiqaruvchi korxonalaarda o'ta zararli chang va bug' zarralari ajralib chiqadiki, ularni albatta tozalagich qurilmalar yordamida havodan ajratib zararsizlantirish zarur bo'ladi.

### Xulosa.

Qurilishda ishchi xodimlarni xavfsizligini ta'minlashda birinchi navbatda himoya vositalari va xavfsizlik kamarlari berilishi kerak. Bundan kelib chiqadiki himoya vositalari ham yangi va bardoshligi tekshirilish ham kerak bo'ladi. Qurilishda ishchi xodimlarga eng kerakli himoya vositalarini sanab o'tamiz. Birinchi navbatda hammamiz bilamizki boshimizga kaska kiyish kerak, balandlikda ishlasa xavfsizlik Kamari maxsus qo'lqoplari, maxsus poyafzallar ko'zga yaqol ko'rindigan formalar va ko'z oynaklar va boshqa himoya vositalari kerak bo'ladi.

Qurilishda ishchilar narvonlar orqali ishlaganda Narvon bilan ishlaganda xavfsizlik qoidalari amal qilish lozim. Narvon bu xavf tug'diradigan buyumdir standart balandlikda 10 funtdan baland bo'lsa pastda ko'rsatilgan qoidalarga rioya qiling.

- Narvon va tayanch joyi sirpanib ketmasligi uchun tayanch qoplamasini qo'yish kerak bo'ladi
- Narvon o'z vazndan belgilangandan yuqori vazn chiqmasligi kerak bo'ladi.
- Boshni himoya vositasi (himoya kaskasi bo'lisi kerak)
- Sirg'alish oldini olish uchun maxsus etiklar kiyish kerak bo'ladi.

## REFERENCES

1. X. Azimov Qurilishda mehnat xavfsizligi. Toshkent-1997
2. Xidirova Dildora, Muradov Sirojiddin. O'zbekiston respublikasi hududida seysmoaktiv hududlar va zilzilaning xavfliligi//Innovative Development in Educational Activities. 2024. 167-172
3. Muradov S. ЭCONOMIC ANALYSIS OF PROFITS IN THE FIELD OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 1. – С. 1239-1245.
4. Мурадов, С. (2024). PRINCIPLES OF ENSURING THE SAFETY OF USING LIFTING CRANES IN CONSTRUCTION-ASSEMBLY WORKS. MODERN SCIENCE AND RESEARCH, 3(2), 933–939. <https://doi.org/10.5281/zenodo.10684936>
5. МУРАДОВ СИРОЖИДДИН учитель-стажер. Каршинский инженерно-экономический институт кафедра «Охрана труда и техника безопасности» Республики Узбекистан. (2024). НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ. Zenodo. <https://doi.org/10.5281/zenodo.10684166>
6. Muradov Sirojiddin. Mehnatni muhofaza qilishning tashkiliy-psixologik asoslaridagi mavjud muammolar//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 133-137.
7. Muradov Sirojiddin. Mehnat sharoitlari va muhitini “kaizen” usuli yordamida takomillashtirishning innovatsion yechimlari//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 249-253.
8. Muradov Sirojiddin. Mehnatni muhofaza qilish sohasida yuk ortish va tushirish ishlaridagi yukchilar uchun ishlarning xavfsizligi kategori va qoidalari tahlili//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 232-242
9. Muradov Sirojiddin. Mehnatni muhofaza qilishning rivojlanish tarixiy bosqichlarini o'rghanish//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 243-248
10. Muradov Sirojiddin. Sanoat korxonalari rahbar va mutaxassislarining mehnat muhofazasi bo'yicha bilimlarini tekshirishni raqamli texnalogiyalar asosida tashkil etishning ahamiyati//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 146-150
11. Muradov Sirojiddin. Xavfli sanoat korxonalarida ishchilarni xavfli gaz va zaxarli moddalar ta'siridan himoya qilishga qaratilgan inovatsion yechimlar//“Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari”. 2023. 402-405
12. Muradov Sirojiddin Husan o'g'li. Sanoat korxonalari rahbar va mutaxassislarining mehnat muhofazasi bo'yicha bilimlarini tekshirishni raqamli texnalogiyalar asosida tashkil etishning ahamiyati// Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. 2023/10/26. 180-183

13. Мурадов Сирожиддин. Определение отдыха и отпусков на основании нового трудового кодекса// Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. 2023/10/26. 17-21
14. MURADOV SIROJIDDIN HUSAN O‘G‘LI. Mehnatni muhofaza qilishning rivojlanish tarixiy bosqichlarini o‘rganish// Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. 2023/10/26. 8-16
15. Muradov, S. (2023). ISHLAB CHIQARISHDAGI AVARIYALARNI O‘RGANISH VA TAHLIL QILISH. Educational Research in Universal Sciences, 2(16), 474–477. Retrieved from <http://erus.uz/index.php/er/article/view/5015>
16. Muradov Sirojiddin. Ishlab chiqarishdagi avariyalarni o‘rganish va tahlil qilish// Educational Research in Universal Sciences, 2(16), 474–477.
17. Muradov S. ISHLAB CHIQARISHDAGI AVARIYALARNI O‘RGANISH VA TAHLIL QILISH //Educational Research in Universal Sciences. – 2023. – Т. 2. – №. 16. – С. 474-477.
18. Sirojiddin M., Umurzoq E. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 12. – С. 42-47.
19. Sultonova D. N., & Siddiqova , M. A. qizi. (2023). COLOR SCHEME IN THE FORMATION OF THE ARTISTIC ENVIRONMENT OF THE INTERIOR OF MODERN EDUCATIONAL CENTERS. Educational Research in Universal Sciences, 2(14), 109–115. Retrieved from <https://erus.uz/index.php/er/article/view/4394>
20. Sultonova D. N., qizi Siddiqova M. A. COLOR SCHEME IN THE FORMATION OF THE ARTISTIC ENVIRONMENT OF THE INTERIOR OF MODERN EDUCATIONAL CENTERS //Educational Research in Universal Sciences. – 2023. – Т. 2. – №. 14. – С. 109-115.
21. Muradov Sirojiddin Husan o‘g‘li, Xakimov Xurshid Hamidulla o‘g‘li, & Siddiqova Madinabonu Asatilla qizi. (2021). NEW INNOVATIVE ENGINEERING SOLUTIONS TO THE PROBLEMS OF SIGNALIZATION AND SECURITY SYSTEMS. European Journal of Life Safety and Stability (2660-9630), 2, 28-30. Retrieved from <http://www.ejss.indexedresearch.org/index.php/ejss/article/view/13>
22. Muradov S. H. o‘g‘li, & Zayniyev , U. U. o‘g‘li. (2023). PRINCIPLES OF PASSING AND DOCUMENTING INSTRUCTIONS ON SAFETY TECHNIQUES. Educational Research in Universal Sciences, 2(14), 116–119. Retrieved from <http://erus.uz/index.php/er/article/view/4395>
23. Muradov Sirojiddin Husan o‘g‘li, Zayniyev Ulfat Utkir o‘g‘li. PRINCIPLES OF PASSING AND DOCUMENTING INSTRUCTIONS ON SAFETY TECHNIQUES. Educational Research in Universal Sciences. 2023-11
24. Sirojiddin M., Umurzoq E. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 12. – С. 42-47.
25. Muradov Sirojiddin; Egamberdiyev Umurzoq. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH

- THE KAIZEN METHOD//International journal of advanced research in education, technology and management. – 2023. – T. 2. – №. 12. – C. 42-47.
26. Husan о'g'li M. S., Hamidulla о'g'li X. X. Siddiqova Madinabonu Asatilla qizi. NEW INNOVATIVE ENGINEERING SOLUTIONS TO THE PROBLEMS OF SIGNALIZATION AND SECURITY SYSTEMS //European Journal of Life Safety and Stability (2660-9630). – 2021. – T. 2. – C. 28-30.
27. Husan о'g'li M. S., Shavkat о'g'li E. D. INNOVATIVE SOLUTIONS TO PROTEC T WORKERS FROM DANGEROUS GAS AND TOXIC SUBSTANCES IN HAZARDOUS INDUSTRY ENTERPRISES //Educational Research in Universal Sciences. – 2023. – C. 11-17.
28. Muradov S. H. о'g'li, & Egamov , D. S. о'g'li. (2023). INNOVATIVE SOLUTIONS TO PROTEC T WORKERS FROM DANGEROUS GAS AND TOXIC SUBSTANCES IN HAZARDOUS INDUSTRY ENTERPRISES. Educational Research in Universal Sciences, 2(14), 340–342. Retrieved from <http://erus.uz/index.php/er/article/view/4443>
29. O'G E. L. A. A. et al. PHYSIOLOGICAL AND HYGIENE BASIS OF HUMAN LABOR ACTIVITY //International journal of advanced research in education, technology and management. – 2023. – T. 2. – №. 11.
30. MURADOV SIROJIDDIN HUSAN O'G'LI; ESHPO'LATOV AZIZBEK ADHAM O'G'LI. PHYSIOLOGICAL AND HYGIENE BASIS OF HUMAN LABOR ACTIVITY// International journal of advanced research in education, technology and management.2023.266-273.
31. Rakhimov, O. D., and S. H. Muradov. "Digitalization of Instructions on Labor Protection and Safety Techniques." European journal of life safety and stability (EJLSS) 24 (2022): 80-86.
32. O.D. Rakhimov, Muradov S.H. Digitalization of Instructions on Labor Protection and Safety Techniques. // European journal of life safety and stability (EJLSS). 2022. №24. P.80-86.
33. O'G'LI M. S. H. ANALYSIS OF "MEASURES TO ENSURE OCCUPATIONAL SAFETY IN THE FIELD OF CARGO TRANSPORTATION AND LOADING." //International journal of advanced research in education, technology and management. – 2023. – T. 2. – №. 9.
34. MURADOV SIROJIDDIN HUSAN O'G'LI. ANALYSIS OF "MEASURES TO ENSURE OCCUPATIONAL SAFETY IN THE FIELD OF CARGO TRANSPORTATION AND LOADING."// INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN EDUCATION, TECHNOLOGY AND MANAGEMENT. Vol. 2 No. 9 (2023). 127-133
35. ЎҒЛИ Р. Х. Ф., СИРОЖИДДИН М. ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ СИРОЖИДДИН //International journal of advanced research in education, technology and management. – 2023. – T. 2. – №. 10.
36. ЎҒЛИ, РАЖАБОВ ХУРШИД ФАХРИДДИН, and МУРАДОВ СИРОЖИДДИН. "ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ

- СИРОЖИДДИН." International journal of advanced research in education, technology and management 2.10 (2023).
37. ЎҒЛИ, Р. Х. Ф., & СИРОЖИДДИН, М. (2023). ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ СИРОЖИДДИН. International journal of advanced research in education, technology and management, 2(10).
38. Rayimkulov A., Murodov S. Some Issues of Safety in the Use of Tower Cranes Used in Construction Projects //JournalNX. – С. 301-308.
39. Rayimkulov A., Murodov S. Some Issues of Safety in the Use of Tower Cranes Used in Construction Projects //JournalNX. – С. 301-308.
40. Мурадов, Сирожиддин. "ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА Е ЛИЧНЫМ СОСТАВОМ ПОЖАРНОЙ ОХРАНЫ В МИРЕ." International journal of advanced research in education, technology and management 2.5 (2023).
41. Мурадов С. ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА Е ЛИЧНЫМ СОСТАВОМ ПОЖАРНОЙ ОХРАНЫ В МИРЕ //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 5.
42. Мурадов, С. (2023). ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА Е ЛИЧНЫМ СОСТАВОМ ПОЖАРНОЙ ОХРАНЫ В МИРЕ. International journal of advanced research in education, technology and management, 2(5).
43. Raximov O.D, Muradov S.H. SANOAT KORXONALARI RAHBARI VA MUTAXASSISLARINI MEHNAT MUHOFAZASI BO‘YICHA O‘QITISH VA BILIMLARINI SINOV DAN O‘TKAZISHNI RAQAMLASHTIRISH. MONOGRAFIYA.2023.1-96
44. Raximov O.D, Muradov S.H. SANOAT KORXONALARI RAHBARI VA MUTAXASSISLARINI MEHNAT MUHOFAZASI BO‘YICHA O‘QITISH VA BILIMLARINI SINOV DAN O‘TKAZISHNI RAQAMLASHTIRISH// INTELLEKT. MONOGRAFIYA.2023
45. Dustkabilovich, R. O. ., & o`g`li, M. S. H. . (2021). Innovative Technologies in Teachingdirectors and Specialists of Industrial Enterprises on "Labor Protection". European Journal of Life Safety and Stability (2660-9630), 80-85. Retrieved from <http://ejlss.indexedresearch.org/index.php/ejlss/article/view/3>
46. Rakhimov Oktyabr Dustkabilovich; Muradov Sirojiddin Husan o`g`li. Innovative Technologies in Teachingdirectors and Specialists of Industrial Enterprises on "Labor Protection"// European Journal of Life Safety and Stability (2660-9630), 2021/12/29. 80-85.
47. Muradov S.H; Safarov Sh. O‘. MEHNAT SHAROITLARI VA MUHITINI “KAIZEN” USULI YORDAMIDA TAKOMILLASHTIRISHNING INNOVATSION YECHIMLARI// PAXTA TOZALASH, TO‘QIMACHILIK VA YENGIL SANOAT SOHALARINING TEKNOLOGIYASINI TAKOMILLASHTIRISH. 2023. 90-92
48. СИРОЖИДДИН МУРАДОВ. ИЗУЧЕНИЯ ОХРАНА ТРУДЫ НА ПРОИЗВОДСТВЕ КОРЕИ// ХӨДӨЛМӨР, НИЙГМИЙН ХАРИЛЦАА СУДЛАЛ. 2023. 242-247
49. Muradov Sirojiddin Husan ugli; Odilov Muzaffar. MAIN INDICATORS OF LABOR PROTECTION MEASURES EFFICIENCY// INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCHERS0 2023. 201-206

50. Sultonova D. N., qizi Siddiqova M. A. COLOR SCHEME IN THE FORMATION OF THE ARTISTIC ENVIRONMENT OF THE INTERIOR OF MODERN EDUCATIONAL CENTERS //Educational Research in Universal Sciences. – 2023. – Т. 2. – №. 14. – С. 109-115.
51. Muradov, S., & Usmonov H. (2024). МЕХНАТНИ МУХОФАЗА ЗИЛШИНГ РИВОЈЛАНИШ ТАРИХИЙ БОСQИЧЛАРИНИ ОРГАНИШ. *Interpretation and Researches*. извлечено от <https://interpretationandresearches.uz/index.php/iar/article/view/1915>
52. МУРАДОВ СИРОЖИДДИН учитель-стажер. Каршинский инженерно-экономический институт кафедра «Охрана труда и техника безопасности» Республики Узбекистан. (2024). НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ. Zenodo. <https://doi.org/10.5281/zenodo.10684166>
53. СИРОЖИДДИН М. НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ //International journal of advanced research in education, technology and management. – 2024. – Т. 3. – №. 2. – С. 167-177.
54. Muradov S. CONSTRUCTION-INSTALLATION ISHLARIDA KUTARAMA KRANLARDAN USE FUNDAMENTAL SECURITY OF SUPPLY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 786-792.
55. Muradov, S. (2024). CONSTRUCTION-INSTALLATION ISHLARIDA KUTARAMA KRANLARDAN USE FUNDAMENTAL SECURITY OF SUPPLY. Modern Science and Research, 3(2), 786–792. Retrieved from <https://inlibrary.uz/index.php/science-research/article/view/29479>
56. Muradov, S. (2024). ASSESSMENT OF THE CHEMICAL SITUATION IN AN ACCIDENT IN FACILITIES USING KTZM. MODERN SCIENCE AND RESEARCH, 3(2), 1142–1152. <https://doi.org/10.5281/zenodo.10701651>
57. СИРОЖИДДИН, МУРАДОВ. "РАЖАБОВ ХУРШИД ФАХРИДДИН ЎГЛИ. ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ СИРОЖИДДИН." *International journal of advanced research in education, technology and management* 10 (2023): 27.
58. Sirojiddin M., Umurzoq E. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 12. – С. 42-47.
59. Muradov S. PRINCIPLES OF ENSURING THE SAFETY OF USING LIFTING CRANES IN CONSTRUCTION-ASSEMBLY WORKS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 933-939.
60. Muradov S. ASSESSMENT OF THE CHEMICAL SITUATION IN AN ACCIDENT IN FACILITIES USING KTZM //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 1142-1152.
61. Muradov S., Usmonov H. МЕХНАТНИ МУХОФАЗА ЗИЛШИНГ РИВОЈЛАНИШ ТАРИХИЙ БОСQИЧЛАРИНИ ОРГАНИШ //Interpretation and researches. – 2024.

62. СИРОЖИДДИН М. НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ //International journal of advanced research in education, technology and management. – 2024. – Т. 3. – №. 2. – С. 167-177.
63. Muzaffar O. MAIN INDICATORS OF LABOR PROTECTION MEASURES EFFICIENCY Muradov Sirojiddin Husan ugli.
64. Muradov Sirojiddin Husan ugli; Odilov Muzaffar. MAIN INDICATORS OF LABOR PROTECTION MEASURES EFFICIENCY// International journal of scientific researchers. 2023. 201-206
65. Мурадов С. ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА Е ЛИЧНЫМ СОСТАВОМ ПОЖАРНОЙ ОХРАНЫ В МИРЕ //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 5.
66. Sirojiddin M., Umurzoq E. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 12. – С. 42-47.
67. Muradov S. CONSTRUCTION-INSTALLATION ISHLARIDA KUTARAMA KRANLARDAN USE FUNDAMENTAL SECURITY OF SUPPLY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 786-792.
68. ФОЙДАЛАНИШ Қ. М. И. Қ. Қ., АСОСЛАРИ Ҳ. Т. MODERN SCIENCE AND RESEARCH //MODERN SCIENCE. – 2024. – Т. 2181. – С. 3906.
69. Muradov S. ASSESSMENT OF THE CHEMICAL SITUATION IN AN ACCIDENT IN FACILITIES USING KTZM //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 1142-1152.
70. KIMYOVIY K. Q. O. L. O. A., BAHOLASH H. MODERN SCIENCE AND RESEARCH //MODERN SCIENCE. – 2024. – Т. 2181. – С. 3906.
71. KIMYOVIY K. Q. O. L. O. A., BAHOLASH H. MODERN SCIENCE AND RESEARCH //MODERN SCIENCE. – 2024. – Т. 2181. – С. 3906.
72. ФОЙДАЛАНИШ Қ. М. И. Қ. Қ., АСОСЛАРИ Ҳ. Т. MODERN SCIENCE AND RESEARCH //MODERN SCIENCE. – 2024. – Т. 2181. – С. 3906.