

MEHNATNI MUHOFAZA QILISHNING RIVOJLANISH TARIXIY BOSQICHLARINI O'RGANISH

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Annotatsiya. Ushbu maqolada, mehnatni muhofaza qilishning rivojlanishi bosqichlari va tarixiy adabiyotlarda sohaning tahlillari haqida fikr mulohazalar keltirilgan. Maqola mehnat muhoazasi va texnika xavfsizligi yunalishlari talablari, mehnat muhofazasi va xavfsizlik mutaxassislari hamda keng izlanuvchilar uchun muljallangan.

Kalit so'zlar va iboralar: “Xavfsizlik. mehnatni muhofaza qilish, sanoat, tog`-kon ishlari, xavfli va zararli faktor. Ish vaqti, dam olish vaqti, Xalqaro mehnat tashkiloti, Xalqaro sog`liqni saqlash tashkiloti”.

STUDY OF HISTORICAL STAGES OF DEVELOPMENT OF LABOR PROTECTION

Abstract. This article reviews the stages of labor protection development and analyzes of the field in historical literature. The article is intended for the requirements of labor protection and technical safety directions, labor protection and safety specialists, and general readers.

Key words and phrases: "Safety. labor protection, industry, mining, dangerous and harmful factor. Working time, rest time, International Labor Organization, International Health Organization".

ИЗУЧЕНИЕ ИСТОРИЧЕСКИХ ЭТАПОВ РАЗВИТИЯ ОХРАНЫ ТРУДА

Аннотация. В статье представлены этапы развития охраны труда и проведен анализ данной области в исторической литературе. Статья предназначена для требований направлений охраны труда и технической безопасности, специалистов по охране труда и технике безопасности, а также широкого круга читателей.

Ключевые слова и фразы: «Безопасность. охрана труда, промышленность, горнодобывающая промышленность, опасный и вредный фактор. Рабочее время, время отдыха, Международная организация труда, Международная организация здравоохранения».

KIRISH. Insoniyatning uzoq o'tmish hayotiy tajribasi har qanday faoliyat potensial xavfga ega ekanligini tasdiqlaydi. Albatta, bu tasdiq aksiomaviy xususiyatga egadir. Vaholanki, ishlab chiqarish sharoitida xavf darajasini boshqarish hamda kamaytirish ham mumkin. Lekin qanday holatda bo'lmasin, absolyut xavfsizlikka erishib bo'lmaydi.

Xavfsizlik – ma'lum darajada xavf tug'ilishi bartaraf etilgan faoliyat holati, ya'ni faoliyatni amalga oshirishdagi asosiy maqsadlardan biridir [1] [2].

Mehnatni muhofaza qilish – ishlab chiqarishdagi mehnat xavfsizligini ta'minlashga qaratilgan vositalar usullar majmuidir. Demak, insonning mehnat xavfsizligini ta'minlash birinchi navbatda uning mehnat faoliyati jarayonini va uni amalga oshirishda yuzaga keladigan xavfli faktorlarni o'rganishni talab etadi. Shu sababli, inson mehnat faoliyatining xavfsizligini ta'minlash bo'yicha tadqiqot ishlari eramizdan oldingi 384–322-yillarda ijod qilgan Aristotel, eramizdan oldingi 460–377-yillarda yashagan Gippokrat asarlarida ham uchraydi [1] [2].

Tiklanish davrining buyuk, taniqli olimi Paratsels (1493–1541-y.) tog' ishlarini bajarishda yuzaga keladigan xavfli faktorlarni o'rganib chiqqan. U o'z asarlarida: «Barcha moddalar zahardir va barcha moddalar dori-darmon hamdir. Faqat bir me'yor ushbu moddani za-harga aylantirsa, ikkinchi me'yor esa uni dori-darmonga aylantiradi», deb yozadi. Nemis olimi Agrikol (1494–1555-y.) o'zining «Tog' ishlari haqida» *nomli* asarida, shuningdek, italyan olimi Ramatstsin (1633–1714-y.), rus olimi M. V. Lomonosov (1711–1765-y.) o'z asarlarida mehnat muhofazasi masalalariga katta e'tibor qaratgan [2].

XIX asrda sanoatni intensiv rivojlanishi natijasida mehnat muhofazasi muammolari bo'yicha ilmiy tadqiqotlar olib borgan bir qancha olimlar yetishib chiqdi. Jumladan, V.L.Kirpichev (1845–1913-y.), A.A.Bess (1857–1930-y.), D.P.Nikolskiy (1855–1918-y.), V.A.Levitskiy (1867–1936y.), A.A.Skochinslay (1874–1960-y.), S.I.Kaplun (1897– 1943-y.) shular jumlasidandir. Yuqorida ta'kidlanganidek, mehnat xavfsizligini ta'minlash qadimgi davrdan hozirgi kungacha inson faoliyatining muhim tomonlaridan biri hisoblanib kelindi. Shu sababli «Mehnatni muhofaza qilish» mustaqil fan sifatida shakllandi va o'z nazariyasiga, uslubiga hamda tamoyillariga ega bo'ldi. Shu bilan bir qatorda «Mehnatni muhofaza qilish» fani muhandislik psixologiyasi, psixofiziologiya, mehnat fiziologiyasi, mehnat gigiyenasi, antropometriya, ergonomika, texnikaviy estetika kabi fanlarning yutuqlariga asoslanadi. Ushbu fanlar bir-biridan tadqiqot qilinadigan yoki o'rganiladigan obyektlarining turi, ya'ni «inson-mashina», «inson-muhit», «inson-mashina muhit» tizimlari bilan farq qiladi.

Birinchi turdagi tizimlar qonuniyatlarini muhandislik psixologiyasi, psixofiziologiya, mehnat fiziologiyasi o'rgansa, «inson-muhit» tizimi qonuniyatlarini mehnat gigiyenasi o'rganadi. «Insonmashina-muhit» qonuniyatlari esa ergonomikaning asosiy tatbiq obyekti hisoblanadi.

Lekin, real ishlab chiqarish sharoitida barcha turdagi bog'lanishlar bir vaqtda yuzaga keladi va shu sababli inson o'z mehnat faoliyatida bir necha omillar bilan bog'lanadi, o'zaro ta'sirda bo'ladi. Shu sababli, ishlab chiqarish sharoitidagi umumlashgan xavfli va zararli faktorlarning inson sog'ligi va mehnat qobiliyatiga birgalikdagi ta'sirini alohida mustaqil fan – «Mehnatni muhofaza qilish» fani o'rganadi [3].

Tadqiqot metodlari. Tadqiqot jarayonida ilmiy va o'quv-uslubiy adabiyotlar tahlili, pedagogik-tarixiy kuzatuv, umumlashtirish, metodlaridan foydalanildi.

Tadqiqot natijalari va muhokamalar. XV – XVI asrlarda tog'-kon metallurgiyasi sohasining jadal rivojlanishi natijasida og'ir mehnat sharoitlari, konchilikdagi chang natijasida vujudga keladigan kasbiy kasalliklar to'g'risida ilmiy ishlar ko'paya bordi. Bu Agrikol va Paraselsaning ishlari hisoblanadi [1].

Antik va o'rta asrlar buyuk olimlarning harakatlari kasbiy faoliyat bilan bog'liq kasalliklarning kelib chiqishini o'rganuvchi alohida fanning vujudga kelishiga zamin yaratdi.

Fanning asoschisi haqli ravishda italyan vrachi, professor, Paduan universiteti rektori Bernardino Ramassini (1633 – 1714 y) hisoblanadi. Uning «Hunarmandlarning kasalliklari to‘g‘risida fikrlar» deb nomlangan kitobida turli sohalaridagi mehnat gigienasi masalalari tizimli tahlil qilingan, kasblar bilan bog‘liq kasalliklarning klinik ta‘rifi keltirilgan fundamental asar hisoblanadi. Olim mazkur asarni yozish uchun 50 yildan ortiq fakt yiqqan. U feodal tuzumdan ilk kapitalizmga o‘tish davrida hunarmandlar, manufakturalardagi ishchilarning yashash va mehnat sharoitlarini kuzatgan [1].

Shuningdek, M. V. Lomonosov (1711 – 1765) tog‘-kon ishlarida mehnat muhofazasiga oid, F.F. Erisman (1842 – 1915 y) mehnat gigienasi to‘g‘risida «Jismoniy va aqliy mehnat gigienasi» nomli asarlarida mazkur masalaga atroflicha to‘xtalgan [1].

Ilmiy-texnik taraqqiyot ishlab chiqarish sohasiga keskin yangiliklarni olib kirmoqda. Jarayonda mehnat qurollari va predmeti shakli o‘zgarib bormoqda. Bu esa, o‘z o‘rnida, mehnat sharoitlarga ta‘sir o‘tkazyapti.

Mehnatni muhofaza qilishning keyingi rivojlanish bosqichlari:

1-bosqich – 1900 yilning boshlarida (1903) quyidagi qoidalarni o‘z ichiga olgan dastur qabul qilinishidan boshlangan:

- 8 soatli ish kuni joriy qilish;
- haftada bir kun dam olish;
- 15 yoshgacha bo‘lgan bolalar mehnatining taqiqlanishi;
- sog‘liq uchun zararli bo‘lgan tarmoqlarda ayollar mehnatini bartaraf etish;
- bayram kunlarida dam olish;
- xodimlarga shikast yetkazilganda fabrikaning javobgarligi;
- bepul tibbiy yordam ko‘rsatish;
- kasal bo‘lganda maoshining saqlanishi.

2-bosqich – qoidalarni amaliyotga tatbiq etish.

Mazkur bosqichga quyidagi yaqqol misollarni keltirish mumkin:

11.11.17 y. – 8 soatli ish kuni, 48 soatli ish haftasi haqida Dekret qabul qilingan.

O‘sha vaqtning o‘zida quyidagilar o‘rnatildi:

- mehnat qilish vaqtidagi tanaffuslar;
- zararli mehnat sharoitlarida mehnat haftasining qisqartirilishi; – yer osti va ish vaqtdan tashqari ishlarda ayollar va o‘smirlar mehnatining taqiqlanishi;
- o‘smirlar uchun 6 soatlik ish kuni joriy qilinishi.

18.05.18 y. – Mehnat inspeksiyasi tashkil etildi (mehnat xavfsizligini ta‘minlash bo‘yicha).

1918 y. Mehnat qonunlarining Kodeksi qabul qilindi (KZOT)

3-bosqich – ishlab chiqarishdagi zararli omillar o‘rganildi va zarar ta‘sirini yo‘qotish bo‘yicha tavsiyalar qidirildi.

1929 y. – Kasb kasalliklarini o‘rganish ilmiy tadqiqot instituti tashkil etildi.

1932 y. – Alohida og‘ir va zararli ishlar ro‘yxati tasdiqlandi.

4-bosqich – mehnat sharoitlarini yaxshilash bosqichi, tashkilotlarning rejalariga mehnatni muhofaza qilish tadbirlarining kiritilishi (50-yillarning oxirlari).

5-bosqich – Zamonaviy (hozirgi kundagi).

Olti kunlik ish haftasida har kungi ishning muddati 7 soatdan, 5 kunlik ish haftasida esa 8 soatdan etib belgilandi, ish vaqtining normal muddati haftasiga 40 soatdan osmasligi 16 dan 18 yoshgacha bo‘lganlarga – haftasiga 36 soatdan; 15 dan 16 yoshgacha bo‘lganlarga – haftasiga 24 soatdan oshmaydigan qilib belgilandi [1] [2] [3].

Xulosa. Mehnatni muhofaza qilish (yoki ish xavfsizligi) ahamiyati dunyoda, kasb-hunar sohasida va jamiyat uchun juda muhimdir. Quyidagi sabablar bilan mehnatni muhofaza qilishning ahamiyati kuzatiladi:

1. Hayotni muhofaza qilish: Mehnat xavfsizligi, ishchilarni har qanday xavf va zararli holatlardan himoya qiladi. Bu, har bir kishining hayoti va sog‘ligi uchun muhimdir.

2. Ish faoliyatini o‘rganish: Mehnatni muhofaza qilish tashqi yo‘nalishlarni tushunish, xavfsizlikni ta‘minlash, zararlar va risklarni kamaytirishni o‘rganishni o‘zi bilan kelayotgan bo‘ladi.

3. Ish joylari va korxonalari uchun maqsadli: Sifatli mehnatni muhofaza qilish, ish joylari va korxonalari uchun xavfsiz va foydali ortiqcha foydalanishni ta‘minlaydi. Bu, ishlab chiqarishning yo‘qotilmasligini va ishlar yuritilishini ta‘minlaydi.

4. O‘qitish va bilim olish: Mehnat xavfsizligi ta‘limi va amaliyotlari o‘qitish, xavfsiz ish ko‘rish va shaxsiy zimmasizlikni o‘rganish imkoniyatlarini beradi.

5. Davlat siyosati: Hukumatlar uchun, xavfsizlik so‘zini olishning ahamiyati bor.

Xavfsizlik va muhofaza qilish siyosatlarini insonlarning sog‘ligi, ekologiya va jamoatning umumiy xavfsizligi uchun juda muhimdir.

6. Boshqarish va tartib boshqarish: Mehnat xavfsizligi ta‘mini, ish joylari va korxonalari uchun boshqaruvchilar uchun ham muhimdir. Bu, faoliyatni boshqarishni osonlashtiradi va ishlab chiqarishni o‘rganish imkoniyatlarini ta‘minlaydi.

7. Ishlab chiqarishni o‘zgartirish: Mehnat xavfsizligi ta‘mini, ishlab chiqarishning barqarorligini oshirish, zararlar va ta‘silarni kamaytirish va ishchilarga qulay sharoitlar yaratishga yordam beradi.

8. Yong‘in va elektr xavfsizligi: ishlab chiqarish va inson hayotida yong‘in xavfsizligi, elektr xavfsizligi tadbirlari, o‘qitish va qayta tayyorlash. Texnologik xavfsizlik talablarini yong‘in va elektr xavfsizligiga moslash.[8]

Mehnatni muhofaza qilish, barcha taraflar uchun foydalidir va hamma uchun muhimdir.

Bu, sog‘liging o‘zi bilan keladi, ish joylari va korxonalari uchun foydalidir va jamiyatni sog‘liqni va xavfsizlikni o‘zgartirishga olib keladi.

Sohani rivojlanishi fan texnikaning rivojlanishi, ishlab chiqarishga kiritilayotgan yangi zamonaviy uskunalarning tasnifi, Xalqaro sog‘liqni saqlash tashkiloti, Xalqaro mehnat tashkiloti, Xalqaro kasaba uyushmasi federatsiyasi uyushmasi tavsiya va xulosalari asosida yangi taraqqiyot bosqichiga o‘tib ulgurdi. Yuqoridagilarni inobatga olib mehnat monosabati ishtirokchilarini zamonaviy usullarda mehnat muhofazasi va taenika xavfsiuzligiga o‘qitish va yo‘riqnomalardan o‘tkazishning zamonaviy usullarini tatbiq etish lozim[5] [6] [7]. Insonning mehnat xavfsizligini ta‘minlashda ilmiy-nazariy izlanishlar asosida vujudga kelgan qonunlar, nizomlar, standartlar, ko‘rsatmalar, qoidalar va sanitartexnik me‘yorlar hamda ularni o‘rganish bo‘yicha uzluksiz ta‘lim-tarbiya tizimini vujudga keltirish, uni rivojlantirish muhim o‘rin tutadi.

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