

POYEZDLAR HARAKATI XAVFSIZLIGI BUZILISHLARINI TADQIQ ETISH

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ANNOTATSIYA

Ilmiy ishning asosiy maqsadi temir yo‘l transportida poyezdlar harakati va manyovr ishlarini tashkil etish jarayonida sodir bo‘lgan buzilishlarni aniqlash, tahlil qilish, baholash va buzilishlar sabablarini aniqlashdan iborat. Maqolada harakat xavfsizligini tashkil etuvchi asosiy parametrlar aniqlandi va buzilishlarni tadqiq etish usullari keltirildi. Poyezdlar harakati xavfsizligi buzilishi holatlari “O‘zbekiston temir yo‘llari” AJ misolida 2008 yildan 2020 yilgacha bo‘lgan davr mobaynida tadqiq qilindi va barcha turdagi buzilishlarning 60% inson, 37% texnik va 3% boshqa turdagi omillar natijasida yuzaga kelishi aniqlandi. Barcha turdagi buzilishlar to‘rt guruhga ajratildi va ular “Isikavi diagrammasi” shaklida ifodalandi. Poyezdlar harakati xavfsizligi buzilishlarini tizimli ravshda tahlil qilish, ularni o‘z vaqtida bartaraf etish va temir yo‘l ish ko‘rsatkichlari me‘yoriy qiymatlarining asosli bajarilishini ta‘minlab beradi.

Kalit so‘zlar: Poyezdlar harakati, xavfsizlik buzilishi, poyezdlar halokati, avariya, ishdagi brak holati, omil.

INVESTIGATION OF TRAIN TRAFFIC SAFETY VIOLATIONS

ABSTRACT

The main purpose of the research is to identify, analyze, evaluate and determine the causes of violations in the organization of train traffic and shunting operations in railway transport. The article identifies the main parameters that constitute traffic safety and provides methods for investigating violations. Cases of train safety violations were studied on the example of JSC “Uzbekistan Railways” from 2008 to 2020, and it was found that 60% of all violations are caused by human, 37% by technical and 3% by other factors. All types of disorders were divided into four groups and they were expressed in the form of “Ishikawi diagram”. Systematic analysis of train traffic safety violations, their timely elimination and ensuring the reasonable implementation of the normative values of railway performance.

Keywords: Train movement, safety breach, train crash, accident, defect in work, factor.