

Mikołaj Moczarski: Methods of Maintenance of Rail Vehicles

In the article methods of servicing of technical objects, and especially of rail vehicles, were presented. Those objects, used in transport, industry, defense sector and other fields of activities, are complex, expensive and influence noticeably on the correct functioning of the national economy, safety of the country and life conditions of the society. Servicing of them is costly, toilsome and requires specialized and expensive operating facilities. Different methods of operating procedures were described, criteria and dependences enabling to choose a method were given and an attention was brought to connections existing between servicing and using technical objects. Rail vehicles were characterized as servicing objects, the aims of vehicles servicing were described. General rules of service proceeding were presented as well as variant methods of procedures in servicing of railway vehicles. A way of optimization of maintenance intervals was given and functions of total unit costs of servicing were described. A presented material enables to choose the most advantageous method of servicing under given circumstances and for a certain construction type of the object.

Keywords: rail vehicles, exploitation, maintenance