

The proposed method for monitoring fitness of reinforcement for the use involves measuring one or several parameters characterizing the reinforcement state, and comparing the measured parameter values with the specified values. The reinforcement parameters are measured at a room temperature and in no-pressure conditions. As the specified parameter values, the values obtained from the reinforcement mathematical model are employed. For determining fitness of the reinforcement, the upper and the lower limits of the parameter values are specified. The reinforcement is considered as fit for the use if the measured parameter values are within the specified upper and lower limits.