

Summary

Railway accident (hereinafter – accident) occurred on February 8, 2019, approximately at 7.09, when employee of “LDZ apsardze” Ltd. (hereinafter – guard) were hit and injured by electric train on the Riga railway bridge over the river Daugava (hereinafter – bridge).

Accident occurred when electric train No.6504M (ER2T No.7114) were moving on the bridge’s way No.IAC towards direction of Riga railway passenger station.

As a result of accident bridge guard sustained fatal injuries.

Railway undertaking – Stock company “Pasažieru vilciens”
Bridge security company – “LDZ apsardze” Ltd.

Infrastructure manager - State Stock company “Latvijas dzelzceļš”

During investigation the work organisation of bridge security company was studied. By involving expert of Riga technical university, the measurement of parameters of inner lightning of railway bridge was carried out. The work of railway undertaking’s train driver and work organisation were studied.

After investigation three safety recommendations were issued.

Safety recommendations covers following areas:

- Bridge lightning;
- Work instructions;
- Work clothes of employees.

Safety recommendations

Recommendation 2020-1

For “LDZ apsardze” Ltd. to make respective amendments in the labour safety instruction, describing in detail actions of security guards in performing their duties on the railway bridge.

Recommendation 2020-2

For “LDZ apsardze” Ltd. to consider possibility to put additional light reflecting elements on the work clothes within the area of arms and legs or to use other type of work clothes with HI-VIS technology, or to find other option, in order for guards to be better visible for train drivers during their patrol.

Recommendation 2020-3

For railway infrastructure manager to modernize existing lighting of technological walk ways and tracks on the railway bridge over river Daugava, by finding such a technical solution, that train drivers wouldn’t be dazzled and could in due time notice people on the bridge.

Investigator in charge

Accident investigator

A.Dmitrijevs

Head of Railway accident

Investigation unit

J.Luksts

Director of Transport accident

and incident investigation bureau

I.A.Gaveika