

In the course of drafting Occupational Health and Safety Manual the following laws, rulebooks, standards and other instructions relevant to the execution of repair and rehabilitation of railway bridges on the Bar-Vrbnica railway line were applied:

- Law on Occupational Health and Safety (Off. Journal of Montenegro, no. 34/14);
- Law on Spatial Planning and Construction (Off. Journal of Montenegro, no. 51/2008 and 40/10, 34/11, 40/11, 47/11, 35/13, 39/13, 33/14);
- Law on Protection and Rescue (Off. Journal of Montenegro, no. 13/07, 05/08, 86/09 and 32/11);
- Law on Flammable Liquids and Gases (Off. Journal of Montenegro, no. 026/10, 031/10, 040/11, 048/15)
- Law on Transport of Hazardous Substances (Off. Journal of Montenegro, no. 033/14)
- Rulebook on special health and safety measures related to railways (Off. Journal of MNE, no.11/88);
- Rulebook on measures related to road traffic safety and the safety of road users in the course of railway works;
- Rulebook on record keeping related to occupational health and safety (Off. Journal of MNE, no. 67/05);
- Rulebook on the procedure and deadlines for periodic control and testing related to equipment, personal protective gear and work environment conditions (Off. Journal of MNE, no. 71/05);
- Rulebook on measures and rules of occupational safety related to equipment (Off. Journal of SFRY, no.18/91);
- Rulebook on the manner and procedure related to previous and periodic specialist medical examinations of participants (Off. Journal of MNE, no. 25/80);
- Rulebook on occupational health and safety related to the maintenance of motor vehicles and transport using motor vehicles (Off. Journal of SFRY, no. 55/65);
- Rulebook on the equipment and the procedure for first aid provision and organizing the rescue department in case of workplace accident (Off. Journal of SFRY, no. 21/71);
- Rulebook on the manner and procedure for staff training in safe work (Off. Journal of Montenegro, no. 57/06);
- Rulebook on the content and manner of report drafting related to workplace accidents (Off. Journal of Montenegro, no.18/93);
- Rulebook on the equipment and the procedure for first aid provision and rescue department management in case of workplace accident (Off. Journal of SFRY, no. 21/71);
- Rulebook on personal protective equipment and personal protection of equipment (Off. Journal of SFRY, no. br.35/69);
- Rulebook on special health and safety measures related to construction (Off. Journal of SFRY, no.42/68 and 45/68);
- Rulebook on occupational safety related to cargo loading and unloading operations (Off. Journal of MNE, no.13/88);
- Rulebook on special occupational safety measures related to loading and unloading cargo onto and from freight motor vehicles (Off. Journal of SFRY, no. 17/66);
- Rulebook on the equipment and the procedure for first aid provision and rescue department management in case of workplace accident (Off. Journal of SFRY, no. 21/71);
- Occupational health and safety standard OHSAS 18001/2008;
- Council Directive 89/654/EEC
- Handbook 227a on the application of safety measures related to electric power on a single-phase 25kV, 50Hz contact line system of Yugoslav railways;
- Handbook 228 for performing operations on Yugoslav railways electrified with a single phase 25kV, 50Hz system;
- Occupational health and safety related to maintenance of railway lines and facilities;
- Occupational health and safety on railways, and other.



Preventative measures regarding the implementation of occupational health and safety are ensured by applying measures and means to eliminate the risk of injury means and precautions to remove the risk of injury and health impairment in employees and minimize such risk.

All the participants involved in construction shall comply with legal regulations pertaining to this field:

Regarding the operations carried out on temporary and movable construction sites, the measures related to occupational health and safety set out in occupational health and safety regulations, the measures outlined in the Act on workplace and work environment risk assessment, the measures prescribed in this design and the measures laid out in technical standards and regulations.

With regard to construction site preparation and working thereon, the contractor shall draw up a special manual which includes the following measures related to occupational health and safety:

- securing the site against the surrounding by fencing and staking out the site along the road expropriation line;
- regulation and maintenance of roads and crossings used for local transport, and placing appropriate warning signs;
- identifying the location, space and manner to arrange and store construction material;
- constructing and arranging space for the storage of hazardous substances, fuels, oils and lubricants;
- the manner of transport, loading and unloading various construction material and heavy objects;
- the manner of securing and labelling dangerous locations and endangered points at the site, places where harmful gases or dust may occur, spots where fires might take place, high voltage lines and electrical wiring, etc.
- identifying location for construction machinery and the manner to secure such machinery, including the security against fall and protection during roadworks with traffic underway;
- identifying locations dangerous for employees' health and identifying the type and the quantity of required protective equipment and individual responsibility for the application of occupational health and safety measures on the site;
- measures and means regarding fire protection, notifying and warning the fire brigade, police station and security services;
- the manner of organizing measures related to rescue and first aid provision and the manner of notifying healthcare facilities, labour inspections, etc.
- as necessary, providing accommodation, food and transport for workers to and from the construction site;
- other necessary measures for personal protection on the construction site.

The Contractor shall submit the General Manual to the relevant inspection including the information on the commencement of works, while a Special Manual is kept at the site and is available for inspector's review during works. For construction sites in residential areas where a structure is being built, a manual regarding site preparation shall be done individually and submitted to the labour inspection with the information on the commencement of works. The manual is provided by the manager certified by the representatives of the investor or supervisory department, after which the works can commence.