Rule of railway tracks repairing and maintenance process in railway transportation safety (A case study: SEMNAN-GARMSAR railway axial)

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Instant lines of railroad in IRAN have antiquity for many years that rate of lines amortization increases jointly with lines traffic (weight and speed) growing. Therefore basic repairing and railroad annually maintenance prosper of importance extra ordinary. In this way experienced human factors, expert machinery, construction materials and especially the time of maintenance and repairing are being in attentive. As a whole, main defects of railroad super structure related to ballast, sleepers, rail and erection tools impairments, and deficiency in one of them is a serious threat for trains movement. So that must of old railway track maintenance activities accomplished on super structure system and main part of maintenance costs spent for reformation of defect arisen from this system . In this paper among whole introducing of railroad super structure defects, examine observed cases by authors in SEMNAN-GARMSAR railroad and prevention methods and repair.

Safety, repairing and maintenance, railroad defects, SEMNAN-GARMSAR railroad

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