

## **Włodzimierz Kruczek: Auxiliary Converters Classification, Requirements and Evaluation Based on Performer Tests**

Article presents power supplying methods of a passenger car electric devices. It contains a scope of a passenger car electric installation solutions, which are both, equipped and unequipped with auxiliary central converters. Article presents test range and requirements stated in UIC regulations, national standards and European standards. Technical and research capabilities of Railway Institutes Electric Power Division in terms of auxiliary converter tests are showed. An exemplary test results are presented.

**Keywords:** passenger cars electric power supply, auxiliary converters