

## **Marek Kaniewski, Paulina Bielska: Contact Wire Lateral Deviation of Overhead Contact Line System under the Influence of the Wind**

In November 2014, the European Commission adopted Regulation no. 1301/2014 (EU) regarding the technical specifications for the interoperability of the Energy subsystem. In the European Union, this regulation entered into force on 1 January 2015. Since 1 January 2016, newly manufactured OCL sections should be covered by the EU declaration of compliance with the requirements or of suitability for use. Basically, the new document concerns the overhead contact line, but there are references to Regulation No 1302/2014 (EU) on the technical specification for interoperability relating to the Rolling Stock subsystem – “Locomotives and passenger rolling stock”. The article features the authors’ experience in assessing the contact wire lateral deviation of the overhead contact line under the influence of wind.

**Keywords:** overhead contact line, Technical Specification for Interoperability relating to “Energy”, lateral deviation of the contact wire