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Room: C

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Presentation title:

ASSESSMENT OF ROAD EQUIPMENTS RESISTANCE TO SNOW PLOUGH LOADS

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Summary:

An evaluation of safety barriers resistance to snow plough load shall be added to road equipment assessment in accordance with EN1317:5. The resistance to snow removal operations is now one of the mandate characteristic. The evaluation of horizontal and vertical pressure of ploughed snow against the rail and minor impacts caused by the plough in the traffic face and upper edge of the rail are verified through geometric and strength aspects. This paper presents this evaluation method explaining the historical background, the meaning and the use with its limitations. Finally possible evolution of this method are considered for future assessments.

