**Experiment to evaluate the impulse plate sealing in a test embankment section**

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**Summary:** The sealing of the impulse plate prototype constructed was tested twice in test embankment sections. The board operates at 12.5Hz, eccentricity 3.5mm, and has a mass of 280 kg. The results of the three measurement cycles for the two test sites are presented in a comparative table. The results obtained indicate that the impulse plate has a much better sealing effect than commercially available vibrating plates and can replace a 6 ton vibration roller for bulk sealing. The considerable mass of the plate, when counter-weighted, makes it difficult to push manually, but it can be coupled with one or two more in place of the bucket on the front loader and thus work instead of a roller.