

Pundit 200

Quality inspection of pre-cast concrete elements for subways

The Shenton Way MRT Station is a planned underground metro station in Singapore where pre-fabricated precast concrete elements are intended to be used.

In order to ensure perfect quality of the pre-cast concrete segments, the manufacturer wanted to establish a reliable 'pass / fail' test method based on correlation data. The Pundit 200 using the ultrasonic pulse velocity technique (UPV) is perfect for this inspection. The results clearly distinguish the good segments from the bad ones, ranging from 3300 m/s to 4900 m/s. Both, UPV and Pulse Echo technologies worked excellently and fulfilled the customer's requirement.



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