

## **Comparative Analysis of VTEC Bank of Rollers Brake Testers versus Maha, Ryme and Dynamometric Platform Testers Used at Ministry of Transport Facilities**

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**Abstract :** This research objective is to compare the differences of brake measurements obtained with the same vehicle when braking on VTEQ Ministry of Transport (MOT) brake testers versus others such as Maha, Ryme and a dynamometric platform. These different types of brake testers have been used and analyzed by the mechanical engineering staffs at the mechanical laboratory at the Miguel Hernández University. Parameters of the vehicle have been controlled to be the same in all tests. Therefore, brake measurements variability will be due to the tester used. Advances and disadvantages of each brake tester have been analyzed.

**Keywords :** brake tester, Ministry of transport, longitudinal braking, Bank of Rollers

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