

**TB-MP004**

## **TECHNICAL BULLETIN**

**INFORMATION ONLY**

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**For the Attention of :** Peter Amura, Branch Managers, Kieron McCormick

**From:** Pete Canning – Passenger Test Engineer

**Date :** 17<sup>th</sup> April 2014

**Product :** MP

**Subject :** **Overtravel and Ultimate Limit**

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### **Background**

An insurance inspector visited one of our sites and said that the counterweight buffered before the ultimate limit. He then advised our customer that the lift was not safe to use and got the service engineer to isolate it.

Pete Canning attended the BHS site in Brighton and carried out checks on the up overtravel and ultimate limit and I can confirm that the up overtravel is 67mm and the up ultimate is 45mm – which is perfect.

With these measurements in mind I can only assume that the Insurance Inspector used the MES control station in the control panel to check these measurements. Using the MES control will bypass the ultimate limits and the prefinals on this MP product, thus allowing the Insurance Inspector to think that the ultimate limit was not working. Also to check the ultimate limits correctly, the lift inspection speed should be adjusted to the same as the levelling speed as this is the speed that the lift would hit the ultimate limits under normal operation.

Please see the attached photos of the overtravel and ultimate limit measures.

If anyone is challenged by an Insurance Inspector concerning this topic then please ensure you follow this process and/or speak with your Senior Technician.

If you have any questions concerning this Bulletin please speak with **Pete Canning** on **07920 586206**



