Informal Document No. GRSP-39-9/Rev.1
(39th GRSP, 15th-19th May 2006
agenda item B.1.8.)

Japan's Feasibility Study of
ECE/TRANS/WP.29/GRSP/2005/5/Rev.1
UNECE-Regulation No.16
Requirements for Acceleration Sleds [R.16 GRSP/2005/5/Rev.1]

A: Acceleration curve within the corridor
B: Delta V = 51 +2/0 (km/h)
C: Initial slope of acceleration
   5ms-10G & 10ms-20G
D: Acceleration distance
   50 ± 1/0 km/h = 40±5 (cm)
R.16 Test Results

![Graph showing test results with time on the x-axis and acceleration on the y-axis. The graph includes a blue curve that peaks at around 25 G and 40 ms.]
The acceleration device (HYGE) met all requirements by improving the metering-pin.
The verification test result shows that the requirements specified in GRSP/2005/5/Rev.1 can be satisfied under the calibration condition (without a dummy/safety belt).

To specify this requirement for only calibration condition, we would like to propose to amend GRSP/2005/Rev.1 as same as “Deceleration test device”.