

Test Report



CLIENT CONFIDENTIAL

Client Alu Rehab AS

Test Item **Netti Mobile Glede (107 kg)**
(Netti Mobile equipped with the Glede Dynamic seating accessory kit)

Test ISO 7176/19 Wheelchair

Millbrook Report No. 14/0376

Millbrook Project No. CR0175-010-01

Millbrook Test No. S13018

Author:

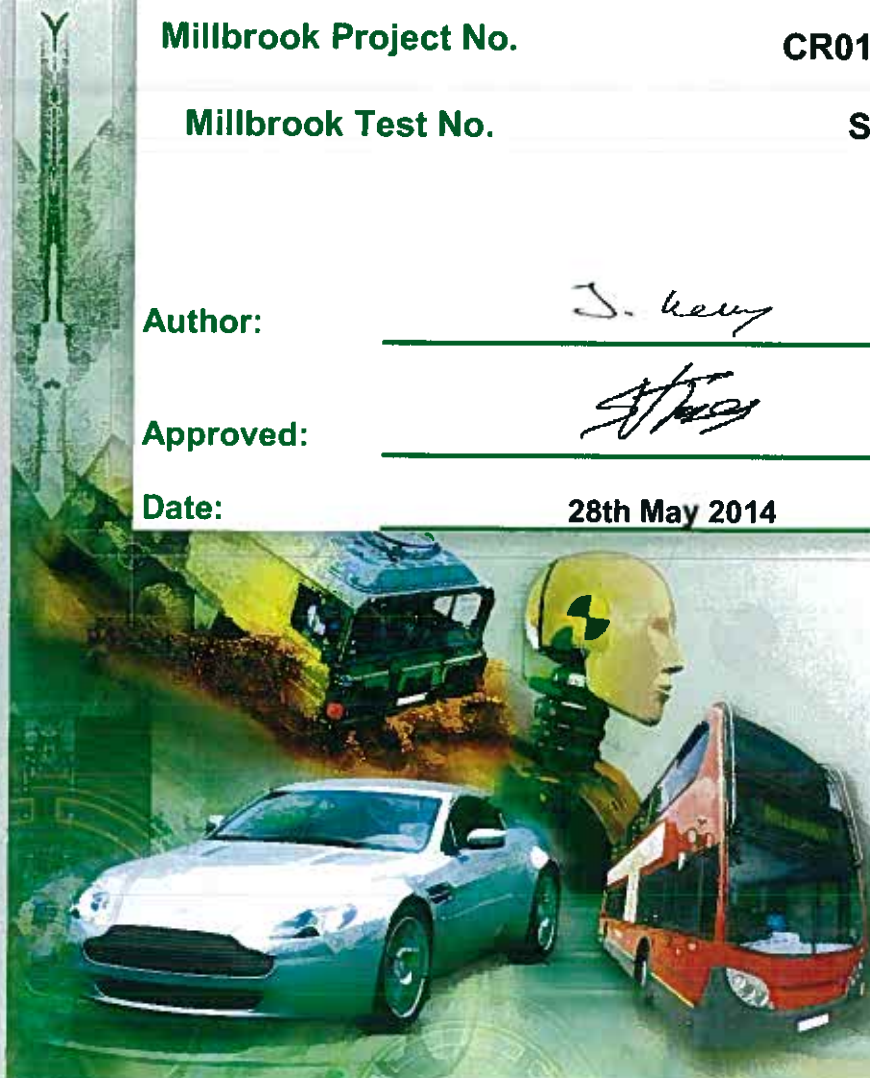
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Test Results

ISO 7176/19

Section 5.2 - Dynamic Performance Requirements

Test No: S13018 Client: Alu Rehab AS Wheelchair: Netti Mobile Glede (Netti Mobile equipped with the Glede Dynamic seating accessory kit) (107kg) Occupant: Hybrid II 50th %ile (76 kg) Front Restraints: Unwin OF02 Rear Restraints: Unwin OR02 Occupant Restraint: Unwin OCR02	RESULTS
5.1 During the Test	
a) Horizontal ATD and wheelchair excursion limits as per limits shown in Table 3:-	
Was the horizontal movement of the test wheelchair P- Point (X_{ss}) less than 200 mm. (± 5 mm)	PASS 76 mm
Was the horizontal movement of the dummy Knee (X_{knee}) less than 375 mm. (± 5 mm)	PASS 263 mm
Was the forwards horizontal movement of the Dummy Head (X_{headF}) less than 650 mm. (± 5 mm)	PASS 445 mm
Was the rearwards horizontal movement of the Dummy Head (X_{headR}) greater than -450 mm. (± 5 mm)	PASS -389 mm
b) Was the ratio $X_{knee}/X_{ss} > 1.1:1$	PASS 3.46 : 1
c) Did the batteries of powered wheelchairs, or their surrogate parts:-	
I. move outside of the wheelchair footprint	PASS
II. move into the wheelchair user's space	PASS
5.2 Post Test	
a) Did the wheelchair remain upright on the test platform and did the ATD remain in a seated posture in the test wheelchair with a torso angle $> 45^\circ$	PASS
b) Did the wheelchair securement points show visible signs of material failure	PASS
c) Did any components of a mass greater than 100g become detached from the wheelchair	PASS
d) Did any occupant contactable components fragment or separate with an edge of less than 2mm	PASS
e) Did any primary load carrying components of the wheelchair show any visible signs of failure	PASS
f) Did any 'tilt in space' locking mechanisms show signs of failure	PASS
g) Was the ATD released from the wheelchair without the use of tools	PASS
h) Was the wheelchair released from the restraint system without the use of tools	PASS
i) Was the average decrease of H-Point height relative to the wheelchair platform less than 20% of the pre-test height	PASS
j) Did the wheelchair and its components cause partial or complete failure of the webbing or any of the WTORS assemblies	PASS
The wheelchair satisfied the Dynamic Test requirements of ISO/NP 7176/19 of 7th July 2008	PASS