

<p>This 6 Page Table was prepared by Ian Charlton following uncertainty as to which requirements must be applied to passenger carrying vehicles derived from Goods Vehicles. This Table needs to be ratified by NRCS and National and Provincial DoT authorities before it is considered for application - 31 July 2011. Copies available from - ianc@intekom.co.za</p> <p>The answers shown in brackets will be applied only after the Taxi-Recap requirements have been extended to most "reward" and "private" vehicle applications. Such proposed amendments are currently in progress. Note further that the current reference to "NLTTA" in the Regulations refers to "Taxi-Type Services" and will be amended to refer to all "Operation for Reward" services.</p>		<p>Propose that the terms Personnel or Troop carriers be avoided - If they have 10 or more seats then they are either Minibuses or Buses. If a Category N Goods Vehicle is converted to a Category M2/M3 then it must meet all the applicable Homologation, RTR and NRCS Requirements of an M2/M3 Passenger Vehicle.(ie Minibus or Bus)</p>							
	<p>If a crew cab or crew-pod is fitted to an Category N2/N3 and if the total number of seats is 9 or less it stays N2/N3</p>	<p>If for operation for hire and reward under an operating license</p>					<p>If for operation by private company with no fares nor reward</p>		
		10 to 16 seats incl driver	17 seats incl driver	10 to 35 incl driver	18 or more seats incl driver		10 to 16 seats incl driver	17 seats incl driver	18 or more seats incl driver
Seats Reg 256 (6) [Currently applicable only to taxi-type services]	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Seat height from floor min 400mm	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Backrest height from seat level min 600mm	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Seat depth min 400mm	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Front of seatback to rear of seatback min 600mm	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Seats facing each other - 1200mm min from front of seatbacks	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Seat width min 400mm (256 (6) and 233 (2) [& 233(1)(a) for Crewcab]	350mm	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Rollover SANS 1563 & Tilt Angle & Seat Strength SANS 1564									
Rollover Test report from accredited facility or by calcs by Pr Eng	No	No (Yes)	No (Yes)	No (Yes)	Yes (Yes)		No (Yes)	No (Yes)	Yes (Yes)
Tilt angle Test Report or Calculation (Reg 262 (1) (a)	No	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Test Report on seat & anchorage strength to SANS 1564	No	No	No	Void	Yes		No	No	Yes
Seats to be "firmly attached" - see Annex III, Clause 2.1, of SANS 1429	Yes N2/N3 3.6	Yes	Yes	Void	No		Yes	Yes	N/A
Emergency Exits									
One for every 12 persons (includes driver)	No	Yes	Yes	Yes	Yes		Yes	Yes	Yes
800 x 400mm or 700 x 500mm min	No	Yes (No)	Yes (No)	Yes (No)	Yes (No)		Yes (No)	Yes (No)	Yes (No)
700 x 500mm min and 400 000mm2 min	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Roof hatch(es) 2 roof hatches If more than 50 passengers	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
SANS 20107 for Emergency Exits	No	No (Yes)	No (Yes)	No (Yes)	No (Yes)		No (Yes)	No (Yes)	No (Yes)
Instruction in (brackets) is likely to be the case after RTR is amended									
Safety belts									
On all "un-protected" seats	No	N/A	Yes	N/A	Yes		N/A	Class 111	Class III
On all passenger seats - applies to all kinds of Operating Licences	No	Yes	Yes	Yes	No		No (Yes)	No (Yes)	No (Yes)
All belts if fitted to be SABS or E-marked w test report (RTR)	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Belts anchorages to comply	No								
Notice of Load - See Reg 245A	No	Yes	Yes	Yes	Yes		No	No	No
Brake Tests									
Category M2/M3 test reports needed if converted from N2/N3	N/A	Yes	Yes	Yes	Yes		Yes	Yes	Yes

Crew Cabs and Personnel Carriers (Minibuses & Buses) - as at 31 Jul 2011		If for operation for hire and reward under an operating license					If for operation by private company with no fares nor reward		
If the total number of seats exceeds 9 then any so-called crew cab becomes a minibus or bus.	If a crew cab or crew-pod is fitted to an Category N2/N3 and if the total number of seats is 9 or less it stays N2/N3	10 to 16 seats incl driver	17 seats incl driver	10 to 35 incl driver	18 or more seats incl driver		10 to 16 seats incl driver	17 seats incl driver	18 or more seats incl driver
Miscellaneous - Items in red may need amendment or extension									
Visible VIN - M2/M3 Applicable only to M2 Minibus	N/A	Yes	No	Minibus	No		Yes	No	No
Reg 154(3) Type II test	N/A	Yes	Yes	Yes	Yes		No	Yes	Yes
Reg 192A Yellow tape	N/A	Yes	Yes	Yes	Yes		No	No	>>>>>
Reg 212(o) Directional stability control device	N/A								
Reg 221 (eA) Overall length 15m max	N/A	No	Yes	Void	Yes		No	Yes	Yes
Reg 223 Overall width	N/A	2,5m	2,6m	Void	2,6m		2,5m	2,6m	2,6m
Reg 226 (2)(a) Rear overhang 70% of wheelbase max	N/A	No	Yes	Void	Yes		No	Yes	Yes
Reg 240 (c)(iv) RA may be 10200kg max if tyres or GA or GVM allow	N/A	No	Yes	Void	Yes		No	Yes	Yes
Reg 244 & 245 - May be affected by tyres or GA Rear	N/A								
Reg 251 (1) Side height from floor of 600mm min	N/A	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Reg 251 (2) Roof height minimum if carrying standees	N/A	N/A	1,75m	Void	1,75m		No (Yes)	No (Yes)	No (Yes)
Reg 251 (2) (a) If a bus is not carrying standees there is no height limit	N/A	1,5m	1,75	Void	>>>>>>		1,5	1,75	>>>>>>
Reg 252(1) (a) Entrance towards the left front	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 252(1) (i) RH passenger door prohibited	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 253 Doors to be fitted and closed	N/A	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Reg 255 Longitudinal passageway width of 300mm min	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 255 (2) Cross passageway	N/A	No	Yes	Yes	Yes		No	No	No
Reg 256 (1) Partition behind driver	N/A	Yes	Yes	Yes	Yes		No (Yes)	No (Yes)	No (Yes)
Reg 256 (3) Tolerance of 10mm	N/A	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Reg 256 (4) Rail between seat and door	N/A	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Reg 256 (7) No fold-up or jockey seat	N/A	Yes	Yes	Void	>>>>>		No	No	>>>>>
Reg 257 Safe positioning of goods	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 258 (1) (a) Continuous row windows 345x450mini & 450x450 bus	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 258 (1) (b) Window area > 25% floor area & > 5% floor area to open	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 258 (3) Unable to put elbows out window	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 263 (4) Standees prohibited	N/A	Yes	Yes	Yes	Yes		No	No	No
Reg 265 (1) Operator registration									
Reg 293 (1)(b) 100km/h speed limit	N/A	Yes	Yes	Yes	Yes		No	No	Yes

NRCS Compulsory Specifications.

These notes refer only to vehicles with 10 or more seats. (9 or less is a separate matter)

NRCS specs apply to new M2/M3 vehicles to those new M2/M3 converted from N2/N3.

Conversions of goods to passenger vehicles after licensing are not affected by NRCS specs.

- 1) If non-mandatory belts are fitted to any M2/M3 their belt anchorages do not need to comply.
- 2) Belts are mandated on all non-protected seats on M2/M3 (eg front seats; at stairways) and such belts and their anchorages must comply.(1564)
- 3) Seats and their anchorages must meet SANS 1564 if the vehicle has more than 17 seats.
- 4) Seats must be "firmly attached" if the vehicle has 10 to 17 seats– no test reports needed.(1430)

Road Traffic Regulations.

- 1) Reg 213 (3)(e) requires belts on all passenger seats on vehicles operated for reward with 10 or more seats (ie operating under an operating license whether taxi-type or general transport.)
2) Reg 213 (3)(f) requires all rear seatbelt anchorages to comply- no mention of which vehicles.

Effect of Combining the NRCS and RTR Requirements in respect of 10 or more seats.

Seatbelt fitment

- 1) required on all seats on 10 to 35 seaters operating for reward. (Reg 213)
- 2) required on all unprotected seats on all more than 17 seaters whether reward or private. (1564)
- 3) not required nor applicable for rearward or sideways facing seats on any vehicle. (1080)

Seatbelt anchorages and test reports

- 1) required for all seats on 10 to 35 seaters operating for reward. (Reg 213)
- 2) required for all unprotected seats on vehicles more than 17 seats - reward & private (1564)
- 3) not required for protected seats on 10 to 35 seaters which are not operating for reward (1564)
- 4) not required for protected seats on 36 or more seaters for reward or for private.(1564)
- 5) not required nor applicable for any rearward or forward facing seats.(1430 & 1564)

Seat and seat anchorage strengths and test reports

- 1) required for all seats on 10 to 16 seaters operating for reward. (1430)
- 2) required for all protected seats vehicles more than 17 seats both reward & private. (1564)
- 3) not required nor applicable for rearward or forward facing or folding seats – each of which need not even be “firmly attached” (1430 & 1564)
- 4) not required on seats covered by Annex II ie M2/M3 & N2/N3 which are not mentioned above

2007 - 46 - EC	Vehicle Classifications	This is how the EC decide upon whether the vehicle is principally a goods or a passenger vehicle.									
When can a Category M1 be classed as an N1 ?		--- if it has a single compartment for passengers and goods, AND --- if it has 7 seats or less (ie less than 8 seats), AND									
		if it has more goods payload than passenger payload @ 68kg									
When does a Category N of 3500kg or less, change to a Category M?		----if it has more than 7 seats, OR									
		if it has less than 8 seats, AND more goods payload than passenger payload @ 68kg									
When does a Category N greater than 3500kg GVM become an M?		----if it has more than 9 seats, OR ---- if it has more goods payload than passenger payload @ 68kg									