

I. Abbreviations and Acronyms (A&A) used in the UN Regulations of GRSP, GRRF (and other GRs) (1958 Agreement)

A&A	Full description	Used in	Parent
A			
A	Tyre to rim fitment configuration	R30	GRRF
A2	Tyre with max speed rating of 10 km/h	R106	GRRF
A4	Tyre with max speed rating of 20 km/h	R106	GRRF
A6	Tyre with max speed rating of 30 km/h	R106	GRRF
A8	Tyre with max speed rating of 40 km/h	R106	GRRF
Category A	Category of ABS device fitted to a trailer dependant on its performance level defined in the Regulation	R13	GRRF
Category A	Electric Regenerative Braking – an EGR system which is not part of the service brake system	R13, R13H	GRRF
Category A	Brake Assist System – A system where the emergency braking is detected via brake pedal force	R13H	GRRF
Class A (Coupling) (and sub categories)	Coupling balls and towing brackets with a 50 mm diameter spherical device and brackets on the towing vehicle for connecting to the trailer by means of a coupling head	R55	GRRF
Class A1	No definition	R131	RE3 Annex 7
ABS	Anti-lock Braking System	R13.R13H, R78	GRRF
ADR	International Carriage of Dangerous Goods by Road	R13, R105, R111	GRRF
AEBS	Advanced Emergency Braking System	R131	GRRF
AML	Special use retreaded truck tyre	R109	GRRF
APF	Abdominal Peak Force	R95	GRSG
ASE	Auxiliary Steering Equipment	R79	GRRF
ASLD	Adjustable Speed Limiting Device	R89	GRRF
ASLF	Adjustable Speed Limiting Function	R89	GRRF
ASP	Additional Sidewall Protective rubber layer	R109	GRRF
ASTM	American Society for Testing and Materials	R78, R13H	GRRF

B			
B	Bias-belted tyre	R30, R75, R106, R108, R109	GRRF
B	Tyre with max speed rating of 50 km/h	R75, R106	GRRF
Category B	Category of ABS device fitted to a trailer dependant on its performance level defined in the Regulation	R13	GRRF
Category B	Electric Regenerative Braking – an EGR system which is part of the service brake system	R13, R13H	GRRF
Category B	Brake Assist System – A system where the emergency braking is detected via brake pedal application speed	R13H	GRRF
Class B (Coupling) (and sub categories)	Coupling heads fitted to the drawbar of trailers for connecting to the 50 mm diameter coupling ball on the towing vehicle	R55	GRRF
BAS	Brake Assist System	R13H	GRRF
BF	Brake Factor	R13	GRRF
BOS	Beginning of Steer	R13H	GRRF
C			
C	Rim diameter marking and Tyre to rim fitment configuration	R54, R109	GRRF
Class C2	Tyre identified with a load capacity index ≤ 121 and a speed category symbol $\geq N$	R54	GRRF
Class C3	Tyre identified with: a load capacity index ≥ 122 or a load capacity index ≤ 121 and a speed category symbol $\leq M$	R54	GRRF
Class C (Coupling) (and sub categories)	Drawbar couplings with a 50 mm diameter pin and with a jaw and an automatic closing and locking pin on the towing vehicle for connecting to the trailer by means of a drawbar eye	R55	GRRF
CAC	Channel Amplitude Class	R12, RPedSaf	GRSG
CBS	Combined Braking System	R78	GRRF
CCD	Close Coupling Device	R102	GRRF
CEL	Complex Electronic	R13	GRRF
CFC	Channel Frequency Class	R12, R14, R16, R17, R22, R25, R80, R94, R95, RPedSaf	GRSG

CFO	Cyclic Field Operations	R106	GRRF
CHO	Cyclic Harvest Operations	R106	GRRF
CICLOMOTORE	Moped tyre marking	R75	GRRF
C/LO	Centreplane of occupant	R16	GRSG
COS	Completion of steer	R13H	GRRF
CP	Rim diameter marking and Tyre to rim fitment configuration	R54, R109	GRRF
CRF	Child Restraint Fixture	R14, R16	GRSG
CT	Complete Test	R13, R13H	GRRF
CYCLOMOTEUR	Moped tyre	R75	GRRF
D			
D	Diagonal (bias ply) tyre	R30, R54, R106, R109	GRRF
D	Tyre with max speed rating of 65 km/h	R106	GRRF
Class D(Coupling) (and sub categories)	Drawbar eyes having a parallel hole suitable for a 50 mm diameter pin and fitted to the drawbar of trailers for connecting to automatic drawbar couplings	R55	GRRF
DC	Direct Current	R13, R13H	GRRF
DEEP	Special Tread Agricultural tyre	R106	GRRF
DP	Dual Purpose (tyre)	R75	GRRF
E			
Class E (Coupling)	Non-standard drawbars comprising overrun devices and similar items of equipment mounted on the front of the towed vehicle, or to the vehicle chassis, which are suitable for coupling to the towing vehicle by means of drawbar eyes, coupling heads or similar coupling devices	R55	GRRF
EBS	Electronic Control Transmission	R13, R13H	GRRF
ECL	Electric Control Line	R13	GRRF
ECU	Electronic Control Unit	R13, R13H	GRRF
ESC	Electronic Stability Control	R13H	GRRF
ET	Extra Tread Tyre	R30, R54, R109	GRRF
EX vehicle	No definition	R105	RE3 Annex 7
F			
F	Run flat/Self supporting tyre	R30	GRRF
F	Tyre with max speed rating of 80 km/h	R54, R75, R109	GRRF

F1, F2, F3	Tractor steering wheel tyre	R106	GRRF
Class F (Coupling)	Non-standard drawbeams comprising all components and devices between the coupling devices, such as coupling balls and drawbar couplings, and the frame, the load-bearing bodywork or the chassis of the towing vehicle	R55	GRRF
FAC	Femur Acceptability Criterion	R80	GRSG
FFC	Femur Force Criterion	R94	GRSG
FMEA	Failure Mode and Effect Analysis	R13, R13H, R79, R131	GRRF
FRT	Free Rolling Tyre	R54, R109	GRRF
FRONT	Tractor Steering Wheel tyre marking	R106	GRRF
FT	Fade Test	R13, R13H	GRRF
FTA	Fault Tree Analysis	R13, R13H, R79, R131	GRRF
G			
G	Tyre with max speed rating of 90 km/h	R54, R75, R109	GRRF
G-1, G-2, G-3	Garden tractor tyres	R106	GRRF
Class G (Coupling) (and sub categories)	Fifth wheel couplings are plate type couplings having an automatic coupling lock and are fitted to the towing vehicle for connecting with a 50 mm diameter fifth wheel coupling pin fitted to a semitrailer	R55	GRRF
GVM	Gross Vehicle Mass	R13	GRRF
H			
H	Tyre with max speed rating of 210 km/h	R30, R54, R75, R108, R109	GRRF
Class H (Coupling)	Fifth wheel coupling pins, 50 mm diameter, are devices fitted to a semitrailer to connect with the fifth wheel coupling of the towing vehicle	R55	GRRF
HIC	Head Injury Criterion	R22, R80, RPedSaf, (R43)	GRSG
HPC	Head Performance Criterion	R94, R95	GRSG
I			
I-1,....., I-6	Agricultural implement tyres	R106	GRRF
IF	Improved Inflexion tyre marking	R106	GRRF
IMP	Implement tyre marking	R106	GRRF
IND or Industrial	Tyres for use in construction applications	R106	GRRF

ISOFIX	International Standard Organization Fix	R14, R16, R44	GRSG
ISO/F3	Full-Height Forward Facing toddler CRS	R44	GRSG
ISO/F2	Reduced-Height Forward Facing toddler CRS	R44, R16	GRSG
ISO/F2X	Reduced-Height Forward Facing toddler CRS	R44	GRSG
ISO/R3	Full-Size Rearward Facing toddler CRS	R44	GRSG
ISO/R2	Reduced-Size Rearward Facing toddler CRS	R44	GRSG
ISO/R1	Rearward Facing toddler CRS	R44	GRSG
ISO/L1	Left Lateral Facing Position CRS (carry-cot)	R44	GRSG
ISO/L2	Right Lateral Facing Position CRS (carry-cot)	R44	GRSG
IPXXB	Joint Test Finger	R100, R12, R94, R95	GRSG
IPXXD	Test Wire	R100, R12, R94, R95	GRSG
J			
J	Tyre with max speed rating of 100 km/h	R54, R75, R109	GRRF
Class J (Coupling)	Non-standard mounting plates comprising all components and devices for attaching fifth wheel couplings to the frame or chassis of the towing vehicle.	R55	GRRF
K			
K	Tyre with max speed rating of 110 km/h	R54, R75, R109	GRRF
Class K (Coupling)	Standard, hook type couplings intended for use with appropriate Class L type toroidal drawbar eyes	R55	GRRF
L			
L	Tyre with max speed rating of 120 km/h	R30, R54, R75, R108, R109	GRRF
Class L (Coupling)	Standard toroidal drawbar eyes for use with appropriate Class K hook type couplings	R55	GRRF
LBRL	Lower Bumper Reference Line	RPedSaf	
LDWS	Lane Departure Warning System	R130	GRRF
LI	Load Capacity Index	R30, R106	GRRF
LIV	Load Intensity Value	R55	GRRF
LS-1,....., LS-4	Logging and forestry service tyres	R106	GRRF
LT	Rim diameter marking and Tyre to rim	R54, R109	GRRF

	fitment configuration		
M			
M	Tyre with max speed rating of 130 km/h	R30, R54, R75, R108, R109	GRRF
M/C	Motorcycle tyre fitted to rims with a diameter ≥ 330 mm	R75	GRRF
MFDD	Mean Fully Developed Deceleration	R13, R13H, R78	GRRF
ML	Mining and Logging	R54	GRRF
MOPED	Moped tyre	R75	GRRF
MPT	Multi Purpose Truck	R54, R109	GRRF
M+S, M.S or M&S	Snow tyre	R30, R54, R75, R108, R109	GRRF
MST	Multiservice tyres	R75	GRRF
N			
N	Tyre with max speed rating of 140 km/h	R30, R54, R75, R108, R109	GRRF
NHS	Not for Highway Service	R75	GRRF
NIC	Neck Injury Criterion	R94	GRSG
O			
OE	Original Equipment	R124	GRRF
P			
P	Tyre with max speed rating of 150 km/h	R30, R54, R75, R108, R109	GRRF
PBC	Peak Braking Coefficient	R78, R13H	GRRF
PCD	Pitch Circle Diameter	R124	GRRF
POR	Professional Off Road Tyre	R30, R54	GRRF
PSI	Pressure Index	R54	GRRF
PSPF	Publie Pubic Symphysis Peak Force	R95	GRSG
PTFE	Polytetrafluoretheen	R95	GRSG
PU	Polyurethane	R95	GRSG
PVC	Polyvinylchloride	R95	GRSG
Q			
Q	Tyre with max speed rating of 160 km/h	R30, R54, R75, R108, R109	GRRF
R			
R	Radial ply tyre	R30, R54, R75, R108, R109	GRRF
R	Tyre with max speed rating of 170 km/h	R30, R54, R75, R108	GRRF

R-1,....., R-4	Agricultural tractor drive wheel tyres	R106	GRRF
RDC	Rib Deflection Criterion	R95	GRSG
REINF	Reinforced tyre	R75	GRRF
RETREAD/REMOULD	Retreaded tyre marking	R108	GRRF
RESS	Rechargeable Energy Storage System	R100, R12, R94, R95 (R10, R92)	GRSG
RFWS	Run-Flat Warning System	R64	GRRF
ROP	Roll Over Protection	R13, R13H	GRRF
S			
S	Tyre with max speed rating of 180 km/h	R30, R54, R75, R108, R109	GRRF
Class S (Coupling)	Devices and components which do not conform to any of the Classes A to L or T and which are used, for example, for special heavy transport or are devices unique to some countries and covered by existing national standards.	R55	GRRF
SFAD	Static Force Application Device	R14	GRSG
SLD	Speed Limitation Device	R89	GRRF
SSBS	Split Service Brakes System	R78	GRRF
SSF	Static Stability Factor	R13H	GRRF
T			
T	Tyre with max speed rating of 190 km/h	R30, R54, R75, R108, R109	GRRF
T	Marking for Temporary Use Spare Tyre	R30	GRRF
TTC	Time To Collision	R131	GRRF
T-Type	Temporary Use Spare Tyre designed for higher use inflation than normal	R30	GRRF
Class T (Coupling)	Non-standard, non-automatic dedicated drawbar type couplings which are able to be separated only by the use of tools and are typically used for trailers of car transporters.	R55	GRRF
TCFC	Tibia compression Force Criterion	R94	GRSG
TE	Total Energy	R95	GRSG
ThAC	Thorax Acceptability Criterion	R80	GRSG
ThCC	Thorax compression Criterion	R94	GRSG
TI	Tibia Index	R94	GRSG
TPMS	Tyre Pressure Monitoring System	R64	GRRF
U			

U	Tyre to rim fitment configuration	R30	GRRF
U	Tyre with max speed rating of 200 km/h	R30, R54, R75, R108, R109	GRRF
UBRL	Upper Bumper Reference Line	RPedSaf	GRSG
V			
V	Tyre with max speed rating of 240 km/h	R30, R75, R108	GRRF
VDC	Vehicle Dynamic Control	R13, R13H	GRRF
VRU	Emergency Relay Valve	R13	GRRF
VSF	Vehicle Stability Function	R13, R13H	GRRF
VSF	Vehicle Seat Fixture	R44	GRSG
V*C	Viscous Criterion	R94	GRSG
W			
W	Tyre with max speed rating of 270 km/h	R30, R75, R108	GRRF
WAD	Wrap Around Distance	RPedSaf	GRSG
X			
-X	Suffix used to denote a non-standard coupling of certain classes	R55	GRRF
Y			
Y	Tyre with max speed rating of 300 km/h	R30, R108	GRRF
YC	Yaw Control	R13, R13H	GRRF
Z			
ZR	Radial ply tyre suitable for speeds between 240km/h and 300 km/h	R30, R75	GRRF
Numerical			
2S/1M	Configuration of ABS system e.g. 2 wheel sensed/1 wheel modulated. Other values are used.	R13	GRRF
3-D H machine	Three-dimensional "H" point machine	R17, R12, R14, R16, R29, R32, R33, R80, R94, R95, R114 (R35, R46, R125)	GRSG
Category 1, 2, 3	Category of ABS device fitted to a power-driven vehicle dependant on its performance level defined in the Regulation	R13, R13H	GRRF
Class I	No definition	R131	RE3 Annex 7
Class II	No definition	R131	RE3 Annex 7
Class III	No definition	R13	RE3 Annex 7

Type 0	Ordinary performance test with cold brakes	R13, R13H, R90	GRRF
Type I	Fade test with repeated or continuous braking	R13, R13H, R90	GRRF
Type II	Downhill behaviour test	R13, R13H, R90	GRRF
Type IIA	Endurance braking performance test	R13, R13H	GRRF
Type III	Fade test for laden vehicles of Category O ₃ and O ₄	R13, R13H, R90	GRRF
Type 1	A temporary spare use unit of an assembly in which the tyre is a temporary-use spare tyre that is specifically designed to be different from a normal tyre and intended only for temporary-use under restricted driving conditions	R64	GRRF
Type 2	A temporary spare use unit of an assembly in which the wheel has a different offset from that of the wheel fitted in the same axle position for normal operation of the vehicle	R64	GRRF
Type 3	A temporary spare use unit of an assembly in which the tyre is of a different structure from that fitted in the same axle position for normal operation of the vehicle	R64	GRRF
Type 4	A temporary spare use unit of an assembly in which the tyre is a normal tyre but where the size designation of the wheel or the tyre or both, differ from those of the wheel or tyre fitted in the same axle position for normal operation of the vehicle	R64	GRRF
Type 5	A temporary spare use unit of an assembly in which a wheel and tyre unit. is fitted to the vehicle for normal, long term road use, but used in an emergency in a totally deflated condition	R64	GRRF
Symbol			
Ω	Regroovable tyre	R54, R109	GRRF

II. Justification

1. During the 50th session of GRSP, the chairperson had requested participants to prepare a list with abbreviations used in the UN regulations under GRSP. The EC volunteered to carry out this task and the list was submitted to GRSP as an informal document.

2. The list was then circulated to the other working groups to complete as necessary. At the 75th session of GRRF the United Kingdom volunteered to continue the list on behalf of GRRF.
3. Some amendments have been made to the original document from GRSP, the table is now in alphabetical order to allow for ease of reference, a new column has been added to identify the parent body of the referenced regulations, typing errors are shown in **bold** and colour coding has been devised to show where multiple definitions occur. **Amber** has been used to highlight where definitions have been used multiple times within GRRF regulations and **red** has been used to highlight where both GRSP and GRRF have used the same acronym with different meanings.
4. In some cases an abbreviation/acronym has been used in a regulation that defined elsewhere in a document that is not the responsibility of GRRF. These are highlighted as having no definition and where possible where the original definition can be found. These will need to be addressed by the parent body of that respective regulation.
5. Any comments for suggested additions or deletions for abbreviations or acronyms from the regulations that GRRF has responsibility for would be welcomed and will be collated by the GRRF representative from the United Kingdom.
