

	Proposed NZP48			P4 Cross checks	Check < = >	Proof
	Dim	min	max			
Track Gauge	TG	22.22		BB max + 2EF + Clearance <= TG	21.71	22.22
Gauge Widening	GW		0.53	BB max + EF <= CG min	21.13	21.27
Check Gauge	CG	21.27	21.31	TG min -CF max = > CG min	21.27	21.27
Crossing Flange	CF	0.81	0.95	TW min = > 2CF max	2.65	1.90
Between Checks	BC	20.39	20.49	CG max -CF min + clearance <= BB max	20.69	20.76
Effective Flange	EF	0.53	0.53	EF max + Clearance <= CF min	0.73	0.81
Back to Back	BB	20.64	20.76	BC max = CG max- CF min	20.49	20.49
Tyre Width min - Loco	TW	2.65		BC max + Clearance <= BB min	20.69	20.64
Tyre Width max - Loco		2.89				
Tyre Width min - Wagon		2.38				
Tyre Width max - Wagon		2.65				
Clearance		0.20				

	Proposed NZ48			P4 Cross checks	Check < = >	Proof
	Dim	min	max			
Track Gauge	TG	22.22	22.58	BB max + 2EF + Clearance <= TG	22.02	22.22
Gauge Widening	GW		0.53	BB max + EF <= CG min	21.29	21.17
Check Gauge	CG	21.17	21.24	TG min -CF max = > CG min	21.17	21.17
Crossing Flange	CF	0.95	1.06	TW min = > 2CF max	2.65	2.12
Between Checks	BC	20.18	20.28	CG max -CF min + clearance <= BB max	20.48	20.76
Effective Flange	EF	0.53	0.53	EF max + Clearance <= CF min	0.73	0.95
Back to Back	BB	20.49	20.76	BC max = CG max- CF min	20.28	20.28
Tyre Width min - Loco	TW	2.65		BC max + Clearance <= BB min	20.48	20.49
Tyre Width max - Loco		2.89				
Tyre Width min - Wagon		2.38				
Tyre Width max - Wagon		2.65				
Clearance		0.20				