



Maintaining compliance in a technological world - a Traffic Commissioners view

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Traffic Commissioner for the West of England

1967, Calne, Wiltshire



2019, at an ATF near you



State of the art planning and management



Data collection

25919

Road Haulage Association Limited

Trailer / Semi-Trailers

Inspection & Rectification Form

Make SDC VOSA ID number C242017
Model Sem Fleet no 52
Body type box Hubometer Miles/km
Year 2007 Date of inspection 8-6-17

MARKING CODE (MC) ✓ = Serviceable X = Item requires attention NC = Not Checked N/A = Not applicable

PART 1: INSPECTION

UNDER/ALONGSIDE TRAILER	MC	IM NO
DFT plate - position detail	✓	
VOSA test disc - present	✓	
Bumpers - security-condition-dimension	✓	9
Rear under-run device - security-condition-dimension	✓	9
Protective sideguards - security-condition-dimension	✓	9
Spare wheel carrier - security-condition-wheel attachment	✓	10
Fifth wheel king pin and rubbing plate	✓	11
Auto coupling line-coupling - condition-security-locking devices	✓	11
Drawbar locking attachment - condition-security-locking devices	✓	11
Landing legs - condition-security	✓	13
Body - security-displacement-condition-security of mountings	✓	19
Body - condition-damage-cargo tank leaks	✓	20
Wing/flap/spray suppression - condition-security-compliance	✓	14
Detachable body equipment	✓	
Security of body containers and crane support legs	✓	19
Tipping rams, pilots and controls	✓	
Loading aids (lifts and tracks, etc)	✓	
Cranes, gantries	✓	
Discharge equipment	✓	
Other ancillary equipment	✓	
Oil leaks - extent	✓	44
Fuel tanks and systems - security-leaks-damage	✓	45
Chassis (including sub-frames) - condition-deformation	✓	41
Electrical wiring, coupling sockets and equipment - security-condition	✓	42
Suspension		
Suspension pin bushes	✓	46
Suspension springs and links - condition	✓	48
Spring units links and sub-frames - attachment	✓	48
Shock absorbers (dampers)	✓	48
Axle lift devices	✓	
Self-levelling equipment - wear security-condition-adjustment Out Covers	✓	53
Steering mechanism - wear security-condition-adjustment Out Covers	✓	54
Road wheels and hubs - condition-security	✓	6
Rear axle wheel bearings and seals	✓	
Auto alignment	✓	
Transmission	✓	57
STEERING - DRAWBAR TRAILERS		
Steering arms and wheel bearing wear security-condition-adjustment	✓	53
Steering mechanism wear security-condition-adjustment Out Covers	✓	54
Turntable	✓	11
Steering alignment	✓	

BRAKES	MC	IM NO
Mechanical brake components - security-condition-adjustment-leaks	✓	1258
Brake drums & linings, Discs & Pads - security-condition-adjustment-leaks	✓	1259
Brake actuators and adjusters - security-condition-adjustment-leaks	✓	59
Braking system and components		
- security-condition-adjustment-leaks	✓	59
Electronic braking/stability control system - operation-warning	✓	38
Load sensing equipment - security-condition-adjustment-leaks	✓	59
Anti-lock equipment and warning lights/service brake operation	✓	38
Parking brake - function-leaks-compliance	✓	12
Emergency brake - function-leaks-compliance	✓	12
Operating adaptor (service line)	✓	12
Hand operated brake control valves - function-condition	✓	39
Additional braking devices	✓	58
MARKINGS, LAMPS AND REFLECTORS		
Rear markings (reflective) - security-condition-position-specification	✓	62
Conspicuity markings - security-condition-position-specification	✓	62
Front lamps and outline markers	✓	63
- position-operation-specification	✓	
Rear lamps and outline markers - position-operation-specification	✓	63
Number plate lamp(s) - position-operation-specification	✓	63
Rear fog lamps - position-operation-specification	✓	63
Reflectors (front, rear, side) - security-condition-position-specification	✓	62
Direction/hazard indicators - position-operation-specification	✓	66
Stop lamps - position-operation-specification	✓	63
Reversing lamp(s)	✓	
Other lamps	✓	
Hazard warning signs	✓	
Side marker lamps	✓	63
Paintwork and livery	✓	
Number plate carrier	✓	
Other dangerous defects	✓	
TYRES		
Size and type of tyres - size-type-compatibility	✓	
Condition of tyres - wear-damage-inflation	✓	
TREAD WEAR		
(strike out/around boxes)		
State - tread depth	✓	
left in mm	✓	

PART 1: INSPECTION (Continued)

BRAKES (strike out/around boxes)

State - Brake wear rates as a %

Anchor

PART 2: RECTIFICATION

DETAILS OF FAULTS IM NO ACTION TAKEN TO RECTIFY FAULTS DONE BY

1 Needs immediate attention

SAG

2 Less urgent - for early attention

Signature of Inspector Terry / AND I consider the above defects have been rectified satisfactorily and the vehicle is now in a safe and roadworthy condition

Signature Terry / AND Date Completed 8-6-17

Position FITTERS

PART 2: ROAD/BRAKE TEST REPORT (*Delete as appropriate)

BRAKE PERFORMANCE IM NOS 71, 73	Road Conditions		Reg no of drawing vehicle	Load condition of vehicle
	Service	Secondary	Parking	Comments
Decelerometer test* @ kph* mph*				
Roller brake test* recommended as a minimum check every six months				
ROAD TEST - OVERALL COMMENTS				
<u>LOADED</u>				
Tester's signature				

NOTE: IT IS ALWAYS THE RESPONSIBILITY OF THE OPERATOR THAT THE TRAILER IS IN A ROADWORTHY CONDITION BEFORE BEING USED ON THE ROAD.

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Revised February 2015

Drilling down in to the detail

TM No.	Defect	Time	Rectification	Initials
	Inspection			
	Sheet Repairs		Repairs	
	x 3 OLS			
	Sheet Repair on Buckle. NIS		Repairs, Remove buckle + Re-fit	TA
	Anti RATTLE PMS		Fitted new clips	
59	CLIPS missing NISIM.		HAD to Remove wheel to fit.	
	Bottom Strap missing OLS		New Strap fitted.	
59	Q-S camper Dust		Fitted new cap	
59	COVER missing.			
59	A-BS fault		Adjust NISIM wheel	
59	Blind spot sticker ULS		Re-apply sticker when	
		Total Hrs		

Parts Used	Part No.	Qty	Total Cost	Parts Used	Part No.	Qty	Total Cost
curtain.			4.00				
Strap.			2.00				
CLIP			60c				
Sticker.			1.10				

I certify that the above rectification work has been completed / not completed.

Name: Texas/pwd/

Date: 8-6-17

Signed: [Signature]

Job Costs:	Labour Cost	Parts Cost	Tyres
	£ 70 00	£ 7 10	£

And more detail

2 BRAKE TEST RESULT - FULL TEST

2611

Number : 313838 TYPE APPROVED Loc. : RICHARD READ LTD
Vehicle Make : Date : Tue 13/11/2018 Time : 14:27
Vehicle Type : 3 AXLE SEMI-TRAILER GVW : 39000kg TAW : 24000kg
Vehicle ID : C197732 Examiner : dvsa

AXLE 1 - 1879kg

		WEIGHT	BIND	TIME LAG	OVALITY	IMBALANCE	MAX. FORCE
Service	N/S	884kg	Pass	--	--	544kg	544kg (L)
	O/S	995kg	Pass	--	--	535kg (1%)	535kg (L)
Parking	N/S	884kg	--	--	--	322kg	322kg (L)
	O/S	995kg	--	--	--	527kg (38%)	527kg (L)

AXLE 2 - 2055kg

		WEIGHT	BIND	TIME LAG	OVALITY	IMBALANCE	MAX. FORCE
Service	N/S	986kg	Pass	--	--	558kg	558kg (L)
	O/S	1069kg	Pass	--	--	531kg (4%)	531kg (L)
Parking	N/S	986kg	--	--	--	532kg	532kg (L)
	O/S	1069kg	--	--	--	505kg (5%)	505kg (L)

AXLE 3 - 1820kg

		WEIGHT	BIND	TIME LAG	OVALITY	IMBALANCE	MAX. FORCE
Service	N/S	939kg	Pass	--	--	640kg	640kg (L)
	O/S	881kg	Pass	--	--	527kg (17%)	527kg (L)

TEST SUMMARY

INSUFFICIENT LOAD ON AXLE 1. 2. 3

Actual static vehicle weight = 5754kg

BRAKE SYSTEM	PASS VALUE	TEST VALUE	RESULT
Service	: 45% TAW	13%	Pass (>=3000kg)
Parking	: 16% GVW	4%	Pass (>=1500kg)

**** OVERALL RESULT: PASSED ****

Barriers to progress



What the law says

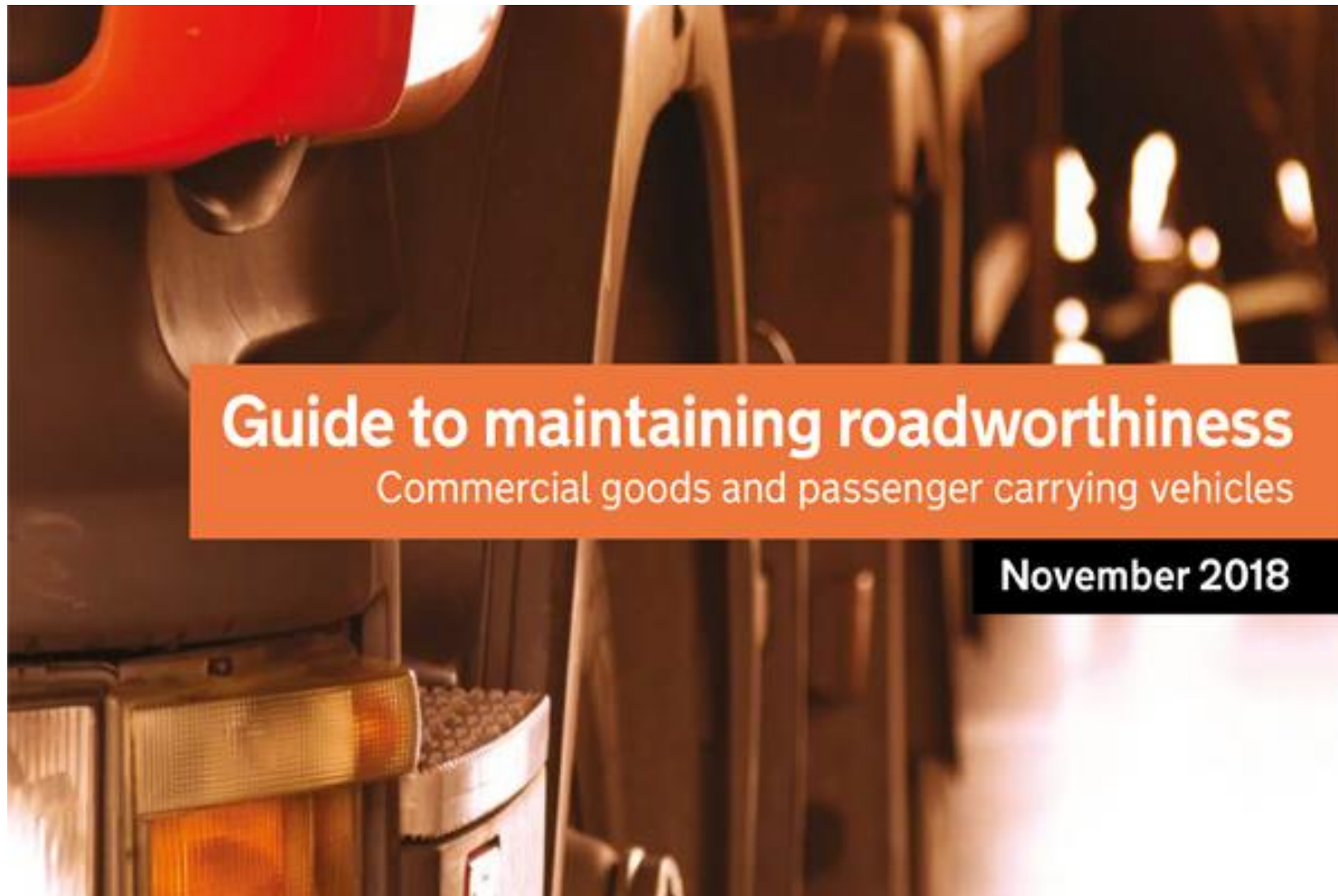
Every part of every braking system and of the means of operation thereof fitted to a vehicle shall be maintained in good and efficient working order and be properly adjusted.

Regulation 18 (1)
Road Vehicles (Construction & Use) Regulations 1986/1078

There must be satisfactory facilities and arrangements for maintaining the vehicles under the licence in a fit and serviceable condition

Section 13C
Goods Vehicles (Licensing of Operators) Act 1995

The Guidance



Unintended consequences?



Other risks?



Other opportunities

HOW OUR REACTIONS SLOW

This chart shows the percentage increase in distracted drivers' response times. An undistracted driver typically reacts in 1 second

13%



Drink-drive limit

21%



High on cannabis

27%



**Hands-free
phone**

37%

Texting



46%

Hand-held phone



Source: Transport Research Laboratory

Any questions?