



# "RTMS Audits & Certification"

Prepared for  
SABOA CONFERENCE

Kathy Bell



# RTMS Basics

- RTMS certification requires an operator to demonstrate compliance to the standard, ARP 067-1:2007(SANS 1395-1:2012)/SANS 10399
- It's main purpose is to encourage operators to implement a structured management system – as per the requirements of the standard
- This management system enables operators to safely & effectively manage operations, whilst embracing the philosophy of continual improvement

# RTMS Standards

(ARP 067/ SANS 1395/SANS 10399)

<p><b>Loading Control</b></p> <ul style="list-style-type: none"><li>- Fleet Inventory</li><li>- Control of loading</li><li>- Prevent Overloads</li><li>- Optimise Payload</li></ul>	<p><b>Safety/ Compliance</b></p> <p>Vehicle Maintenance Basic Roadworthiness</p> <p>Minimising breakdowns</p> <p>Speeding Controls Accident Analysis Traffic violations</p>	<p><b>Driver Wellness</b></p> <p>Medical Fitness Chronic illness Management</p> <p>Fatigue Management Driving hours Wellness Initiatives (Nutrition etc.)</p>	<p><b>Training</b></p> <p>Providing skills development to ensure drivers obtain and retain competency to be safe, compliant and a minimal risk on public roads</p>
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Responsibilities + Records + Trend Analysis + Corrective  
Actions + Performance Assessment = Continual  
Improvement

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(ARP 067/ SANS 1395/SANS 10399)

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# RTMS Standards

(ARP 067/ SANS 1395/SANS 10399)

## Loading Control

- Fleet Inventory
- Control of loading
- Prevent Overloads
- Optimise Payload

## Safety/ Compliance

Vehicle Maintenance  
Basic Roadworthiness  
Minimising  
breakdowns  
Speeding Controls  
Accident Analysis  
Traffic violations

## Driver Wellness

Medical Fitness  
Chronic illness  
Management  
Fatigue Management  
Driving hours  
Wellness Initiatives  
(Nutrition etc.)

## Training

Providing skills  
development to  
ensure drivers obtain  
and retain  
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# Inventory of RTMS vehicles

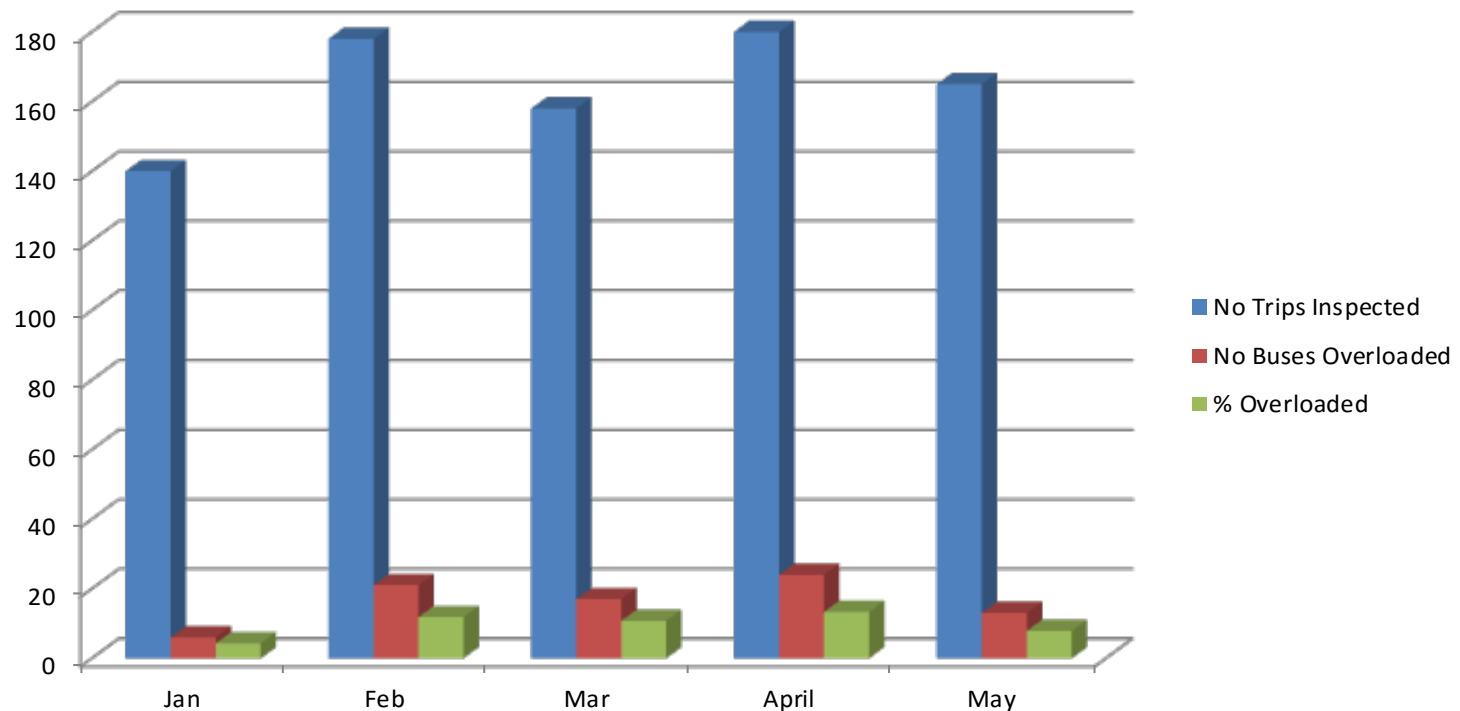
## ABC Bus Lines FLEET INVENTORY

NO	Fleet No.	Reg No	Year	Make	Chassis No	Engine No	Type	Seated	Standing	GVM	Tare	COF Date	Licence Exp
1	F125	4566788	2009	HINO	AAMHB40076JB00425	50515520051354	Rigid	78	28	26,000	13,320	11/30/2012	11/30/2012
2	F124	4566788	2009	HINO	AAMHB40080JB00438	50515800051381	Articulated	78	28	26,000	13,320	2/28/2015	2/28/2015
3	F125	4566788	2007	SCANIA	AAMHB40031PX18169	50515600481565	Luxury Coach	78	28	26,000	13,320	2/28/2015	2/28/2015
4	F126	4566788	2012	HINO	AAMHB40030PX18168	50515600251565	Rigid	78	28	26,000	13,320	1/31/2015	1/31/2015
5	F127	4566788	2010	TATA	AAMHB40145PX18237	50515680031573	Rigid	78	28	26,000	13,320	11/30/2012	11/30/2012
6	F128									26,000	13,320	12/31/2012	12/31/2012
7	F129									26,000	13,320	12/31/2012	12/31/2012
8	F130									26,000	13,320	1/31/2015	1/31/2015
9	F131									26,000	13,320	1/31/2015	1/31/2015
1	F132									18,650	18,650	2/28/2015	2/28/2015
2	F133									18,650	18,650	10/31/2012	10/31/2012

Valid COF, Valid Vehicle Permits, Licenced & Legal

# Random Inspection Results - Overloading

2013	No Trips Inspected	No Buses Overloaded	% Overloaded
Jan	140	6	4.3
Feb	178	21	11.8
Mar	158	17	10.8
April	180	24	13.3
May	165	13	7.9



# Loading Control - Freight

02 April 2014

## Weight Slip

Keaton energy/Leeuw Mining  
 Reg no. \_\_\_\_\_  
 Vat no. \_\_\_\_\_

Vaalkrantz siding  
 PO Box 2258  
 Vryheid  
 3100

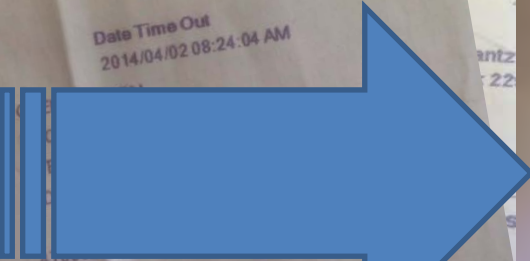
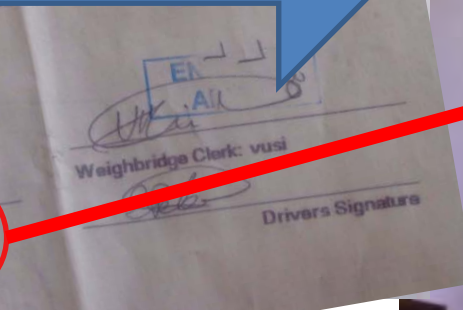
(T) 094 967 1782 (F) \_\_\_\_\_ (G) \_\_\_\_\_ (E) \_\_\_\_\_  
 Transaction No 26780

Reg/Serial No FPD148MP  
 Date Time In 2014/04/02 07:46:04 AM  
 Date Time Out 2014/04/02 08:24:04 AM

Client \_\_\_\_\_  
 Haulier \_\_\_\_\_  
 Destination \_\_\_\_\_  
 Product \_\_\_\_\_  
 Delivery no. \_\_\_\_\_  
 Order no. \_\_\_\_\_  
 COMMENTS \_\_\_\_\_

First Mass 11800 Kg  
 Second Mass 55400 Kg  
 Net Mass 33800 Kg

Weightbridge Clerk: vusi  
 Drivers Signature \_\_\_\_\_

Mti Duff

Date	Truck Reg	Ticket	Quantity	Supplier	Haulier
20140402	DMW311MP	141564	34.10	26720	1006571
20140402	FPD148MP	141579	33.26	26780	1015010
20140402	FPD141MP	141592	34.52	26798	998140
20140402	FMD217MP	141593	36.78	26781	1003502
20140402	FNM814MP	317035	33.76	26807	976977
			172.42		
20140403	CXK768L	141616	33.60	26841	964931
20140403	FXL025MP	141622	35.50	26844	991471
20140403	FGP627MP	141624	32.24	26876	956449
20140403	FDX456MP	141626	35.96	26868	335236
20140403	FZF338MP	141642	35.30	26821	982227
20140403	FXL036MP	141653	33.66	26933	765119
20140403	FMV176MP	141659	34.16	26947	891574
20140403	FXL039MP	141661	36.00	26960	972594
20140403	FNG494MP	141671	32.78	26951	1004107
20140403	HCV192MP	317207	36.96	26970	991771
			346.16		
20140404	HGC156MP	141689	35.76	26961	878549
20140404	FNN583MP	141698	33.76	27013	1048419
20140404	FXL036MP	141702	35.54	26999	1008409
20140404	FSP371MP	141703	35.68	27001	983889
20140404	FMV176MP	141714	34.86	27015	1004203
20140404	FXJ742MP	141717	33.70	27042	981679
20140404	DRY435MP	141721	31.56	26979	970518
20140404	FXL036MP	141722	34.38	27047	971937
20140404	HPL156MP	317281	36.30	26980	1040166
20140404	HGV820MP	317297	34.88	27009	1012357
20140404	HGC692MP	317305	35.44	27014	1003059
20140404	HGB789MP	317308	36.06	27004	992989
20140404	FJF314MP	317316	32.10	27019	1003420
20140404	HGC683MP	317319	36.38	27054	981623
20140404	FNG494MP	317320	35.34	27052	458399
20140404	FNN583MP	317321	35.76	27041	985540

# RTMS Standards











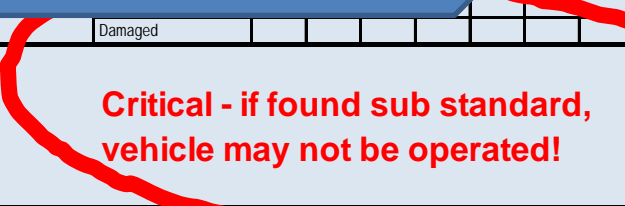
(ARP 067/ SANS 1395/SANS 10399)

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# Daily Roadworthy Check

<b>12. Foot Brake</b> (Working) 										<b>28. V Belt</b> (Working) 										
<b>13. Handbrake</b> (Operational) 										<b>29. Tip Deck</b> 										
<b>14.</b> (Operational) 	<p>Vehicles are assessed daily for roadworthiness – only safe/compliance vehicle are permitted on a public road</p>																			
<b>15.</b> (Working) 																				
<b>16.</b> (Available) 																				
											Damaged 									
<b>Supervisor Signature</b>										<b>Critical - if found sub standard, vehicle may not be operated!</b>										



# Accident Investigation & Analysis

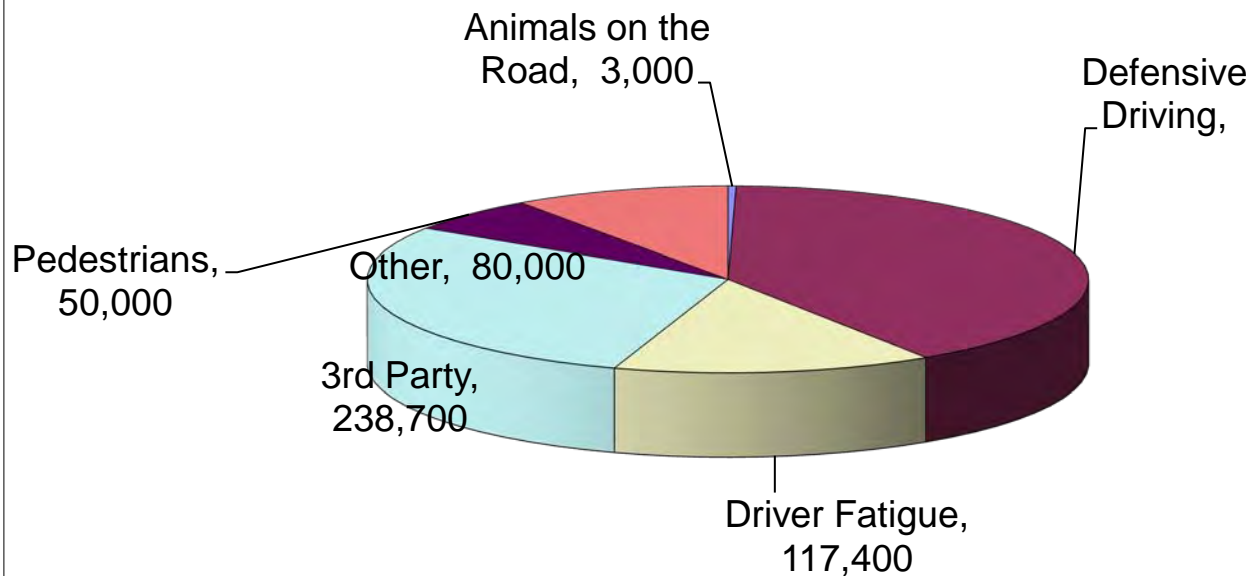
The form consists of five vertical columns, each with a title and a list of options. The options are presented as blue 3D-style buttons with white text. Checkmarks are present next to 'Daylight', 'Clear', 'Tarmac', 'Good', and 'Dry'.

Light Condition	Weather Conditions and Visibility	Road Surface Type	Quality of Road Surface	Road Surface
Daylight ✓	Clear ✓	Concrete	Good ✓	Dry ✓
Night: lit by street lights	Overcast	Tarmac ✓	Bumpy	Wet
Night: unlit	Rain	Gravel	Pothole	Wet in areas
Dawn/dusk	Mist/fog	Dirt	Cracks	Ice
Other (specify)	Hail/Snow	Other (specify)	Corrugated	Snow
	Dust		Other (specify)	Loose gravel or sand
	Fire/Smoke			Slippery
	Severe wind			Water standing or moving
	Unknown			Other (specify)



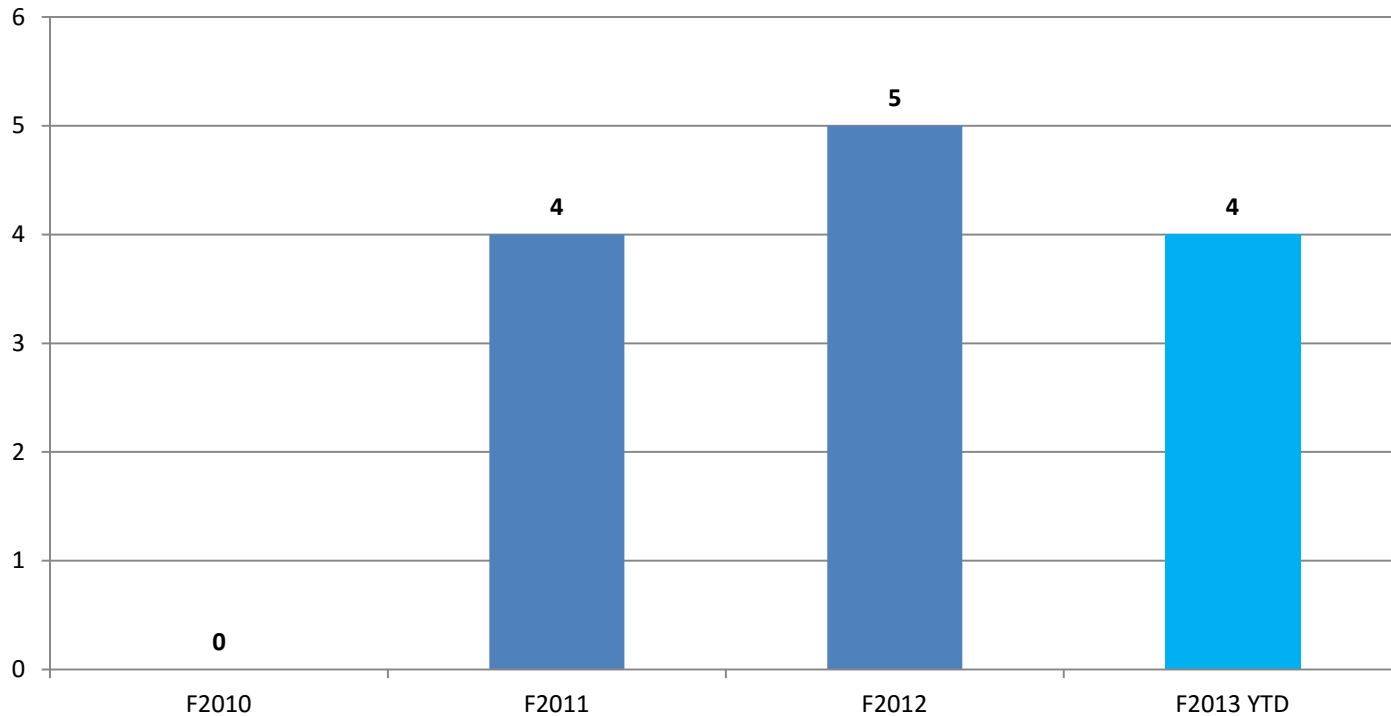
# Accident Investigation & Analysis

**Root cause analysis / costs - summary of incidents 2011**



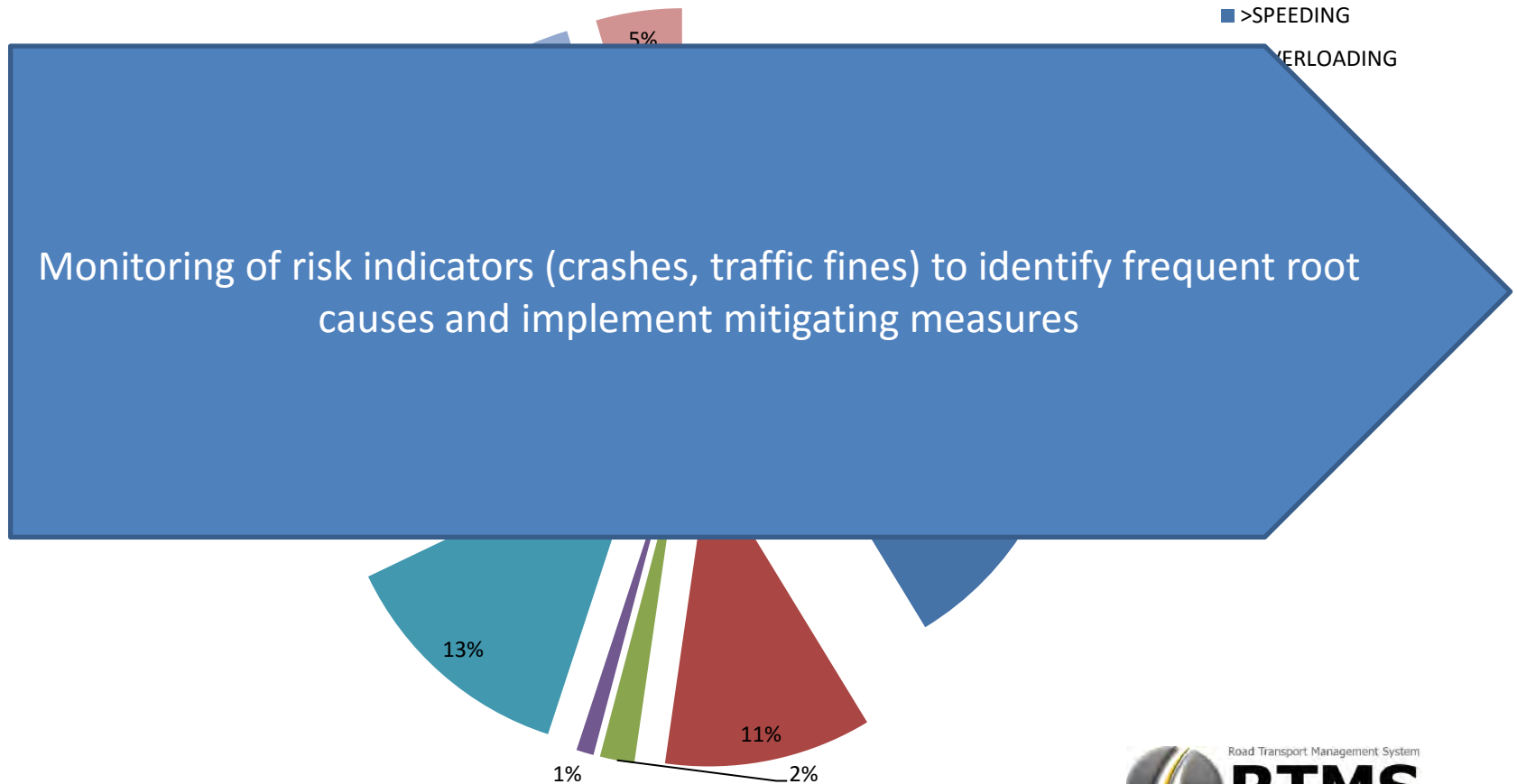
# Accident Investigation & Analysis

## Major - Accidents



# Traffic Infringements/Violations

## Traffic Fine Analysis



# Alcohol Screening

## ALCOHOL TEST - REGISTER

**ANY POSITIVE TEST WILL RESULT IN A FORMAL DISCIPLINARY HEARING**

NAME	DATE	TIME	FLEET NUMBER	READING	ACTIONS TAKEN	SIGNATURE

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# Driver Wellness

- **Medical Fitness**

- Annual medical fitness certificates
- Identification of chronic conditions (e.g diabetes, hypertension, defective vision)

- **Fatigue Management**

- Shift schedule/Driver Roster – Rest Day Allocation
- Monitoring of driving hours – Long Haul
- Fatigue evaluation

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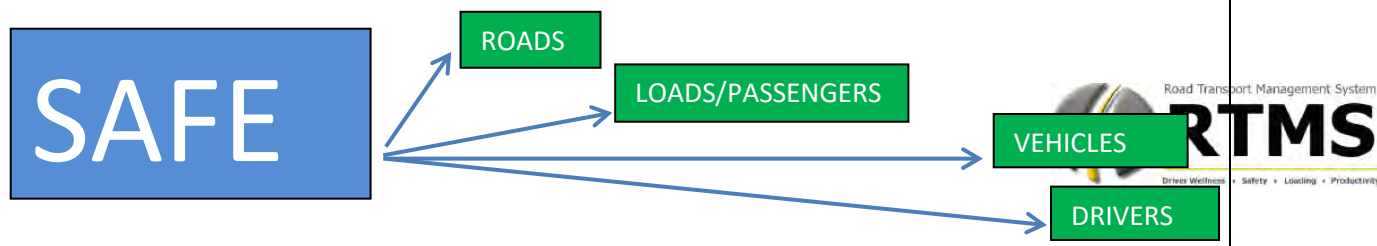
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## RTMS STANDARD SANS 1395-1– MAJOR CRITERIA

LOADING CONTROL	SAFETY & COMPLIANCE	DRIVER WELLNESS	TRAINING & DEVELOPMENT
<ul style="list-style-type: none"> <li>✓ Payload Optimisation with minimisation of overloading</li> <li>✓ Compliance with dimensional limits</li> <li>✓ Safe Loading to prevent incidents</li> <li>✓ Compliance with legal loading limits and/or applicable permit</li> </ul>	<ul style="list-style-type: none"> <li>✓ Daily Roadworthy verification</li> <li>✓ Preventive Maintenance Process</li> <li>✓ Tyre Management</li> <li>✓ Prevent habitual speed exceedances</li> <li>✓ Prevent excessive driving hours</li> <li>✓ React to Accidents/Incident</li> <li>✓ Monitor Traffic Offences</li> <li>✓ Route Risk Analysis</li> <li>✓ Active Promotion of Road Safety</li> </ul>	<ul style="list-style-type: none"> <li>✓ Medical Fitness verification</li> <li>✓ Management of Chronic Conditions</li> <li>✓ Driver Resting Period monitoring</li> <li>✓ Driving Hours Monitoring</li> <li>✓ Risk Awareness</li> </ul>	<ul style="list-style-type: none"> <li>✓ Annual Training Plan</li> <li>✓ Focus on defensive driving, legal loading, fatigue management, with emphasis on the promotion of safe driving behaviour</li> <li>✓ Mentoring, monitoring, counselling, awareness and education</li> <li>✓ Training Records</li> </ul>

EFFECTIVE IMPLEMENTATION REQUIRES DEFINED PROCESSES/PROCEDURES, WITH HISTORICAL RECORD OF CONSISTENT COMPLIANCE



# Performance Assessment

- **Goal of continual improvement so that objectives are achieved**
  - ✓ Preserve road infrastructure
  - ✓ Improve road safety
  - ✓ Prioritise vehicle roadworthiness
  - ✓ Ensure responsible driving behaviour
  - ✓ Promote driver health and wellness
  - ✓ Minimise crashes – reduce fatality/injury rate

# RTMS Observed Benefits

- ✓ Optimal Payloads = Improved Profitability
- ✓ Vehicle Maintenance = Improved Utilisation/Fleet availability
- ✓ Roadworthy vehicles = Reduced down time
- ✓ Driver Training = Green Band Driving = Improved fuel consumption + reduced engine wear
- ✓ Prevention of overspeeding = positive fuel consumption

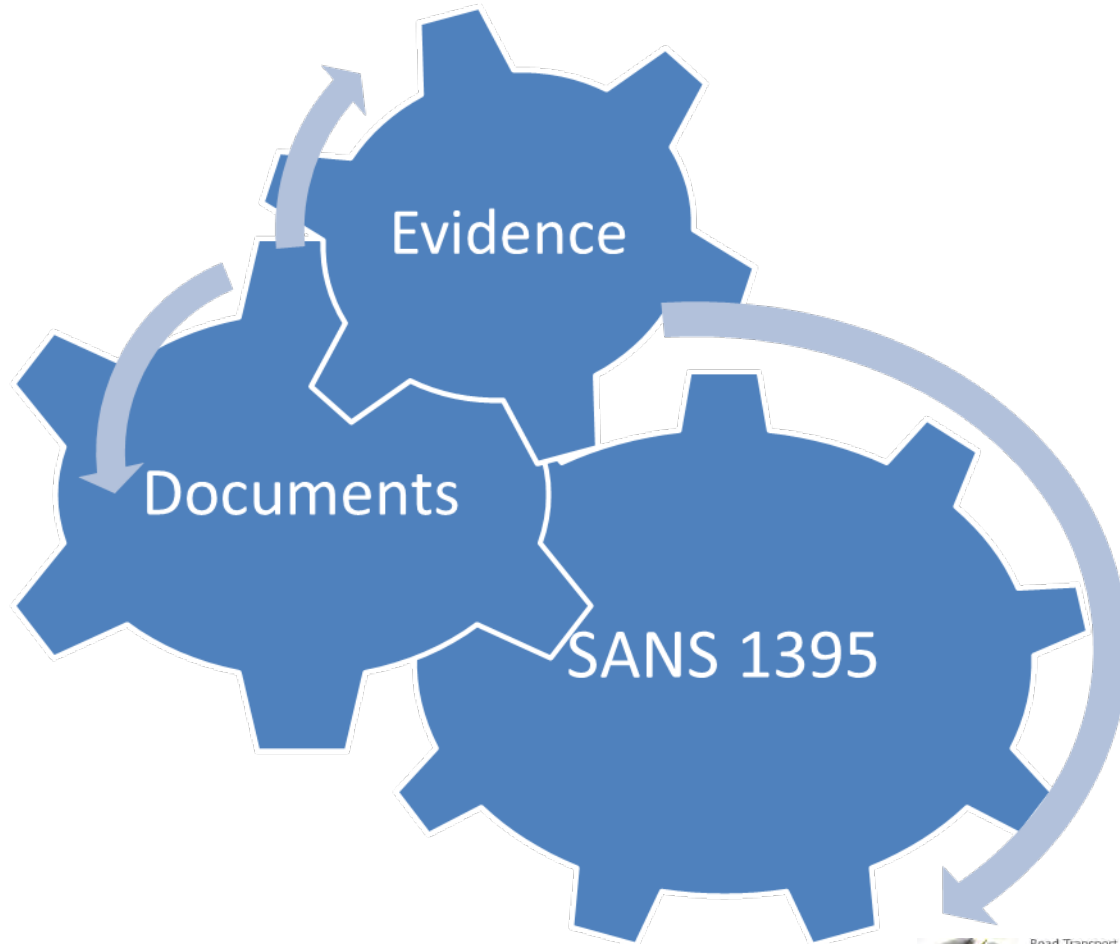
# RTMS Observed Benefits

- ✓ Reduction in carbon footprint
  - ✓ Improved fuel economy
  - ✓ Reduced emissions
  - ✓ Fewer trips (optimised payload)
- ✓ Cpk gains

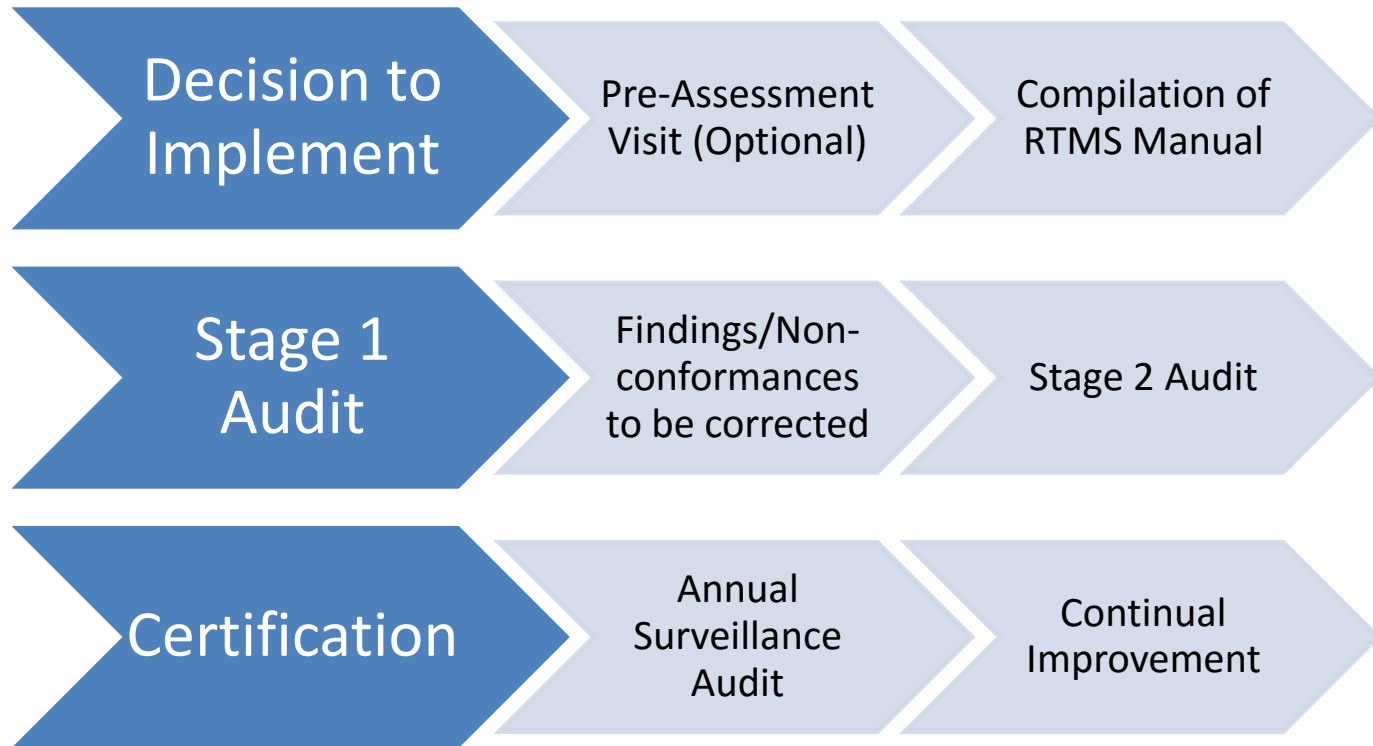
# Client Testimonials

- ✓ Barloworld
- ✓ Intercape
- ✓ Unitrans
- ✓ Ngululu Bulk Carriers
- ✓ Chrome Carriers
- ✓ To Anywhere Carriers
- ✓ Motorvia
- ✓ Buscor
- ✓ LCS Logistics
- ✓ KWS Carriers
- ✓ Grindrod Logistics etc.

# Audit Process



# The Certification Process









### RTMS Workshop...

Vereeniging Workshop  
Tuesday, 18 June 2013  
Time : 08h00 - 13h00  
Venue : ...

[Read more](#)

### Information Pack

Request the RTMS Info Pack..

[Read more](#)

### RTMS Standards

View RTMS Standards...

[Read more](#)

### Certified Companies

List of ...

[Read more](#)

- + My Company Information
- + SUBMIT Quarterly Report
- + Download Tools

**View** **Edit**

#### RTMS Basics...

In order to become RTMS accredited a company must demonstrate that it has adequately implemented all the requirements of the RTMS national draft standard. RTMS compliance does not involve "rocket science", rather it requires that a company demonstrate that it manages its transport operations with due consideration to road safety, compliance and operational risks. The RTMS processes are developed so that procedures are compiled and consistently implemented to minimize the risks identified. The

Thank you

[www.rtms-sa.org](http://www.rtms-sa.org)