

## AXLE CONFIGURATION AND MAXIMUM LOADS

### **AXLE CONFIGURATION AND MAXIMUM LOADS TABLE**

*(Refer to interpretations on the back of this sheet)*

<b>1.</b>	<i>The maximum wheel load, maximum axle or aggregate axle load of any axle, tandem or tri-axle must not exceed the aggregate of the rated tyre capacities or the vehicle manufacturers rated capacity.</i>						
<b>2.</b>	THE MAXIMUM LOAD IN RESPECT OF ANY WHEEL ON A VEHICLE	<i>Fitted with a normal tyre</i>	<i>Fitted with a large tyre</i>	<i>A large tyre must have a width of not less than 330mm and an overall tyre diameter of not less than 1080mm; or a width of not less than 355mm and an overall tyre diameter of not less than 1049mm. A tyre not conforming to these dimensions is deemed to be a normal tyre.</i>			
		<b>2.7T*</b>	<b>3.5T*</b>				
<b>3.</b>	THE MAXIMUM AXLE LOAD IN RESPECT OF ANY AXLE OF A VEHICLE	<i>Fitted with 2 wheels with normal tyres</i>	<i>Fitted with 2 wheels with large tyres</i>	<i>In any other case</i>			
		<b>5.4T*</b>	<b>7T*</b>	<b>10T*</b>			
<b>4.</b>	THE MAXIMUM AGGREGATE AXLE LOAD IN RESPECT OF A TANDEM NOT BEING A TWIN-STEER AXLE	<i>Fitted with 4 wheels with normal tyres -</i>	<i>Fitted with 6 wheels with normal tyres -</i>	<i>Fitted with 4 wheels with large tyres -</i>	<i>Fitted with 6 wheels with at least two large tyres -</i>	<i>Fitted with not less than 8 wheels -</i>	
		<b>10.8T*</b>	<b>13.4T*</b>	<b>14T*</b>	<b>14T*</b>	<b>16T*</b>	
<b>5.</b>	THE MAXIMUM AGGREGATE AXLE LOAD IN RESPECT OF A TRI-AXLE IS 20T*						
<b>6.</b>	THE MAXIMUM AGGREGATE LOAD IN RESPECT OF A TWIN-STEER	<i>Fitted with a load sharing system</i>	<i>In any other case</i>				
		<b>10.4T*</b>	<b>8T*</b>				
<b>7.</b>	THE MAXIMUM PERMISSIBLE AGGREGATE MASS, EXPRESSED AS THE GVM OR GCM OF THE VEHICLE, IN RESPECT OF ALL THE AXLES OF A MOTOR VEHICLE, A TRAILER, ARTICULATED VEHICLE OR COMBINATION VEHICLE IS -	<i>The maximum aggregate of the axle loads in respect of all the axles of the vehicle determined under 1 - 6 above;</i>		<i>In the case of a vehicle equipped with a tandem or a tri-axle which does not incorporate a load sharing system 30T or in the case of a vehicle equipped with a tandem or tri-axle which incorporates a load sharing system 32T;</i>	<i>In the case of a combination vehicle 32T; or</i>	<i>the manufacturer's gross vehicle mass or gross combination mass as the case may be,</i>	<b>WHICHEVER IS THE LEAST.</b>

**\*or the specified original equipment manufacturer's rated capacity, whichever is the least.**

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### DEFINITION OF ONE AXLE

<b>AXLE CONFIGURATION</b>	<b>DEFINITION</b>
<b>Tri-axle</b>	<i>if the distance between the centers of the extreme axles of any 3 axles is not greater than 5.0m</i>
<b>Tandem-axle</b>	<i>if the distance between the center of the extreme axles of any 2 axles that are not part of a tri-axle, that are not steerable axles, is not greater than 3.5m</i>
<b>Single-axle</b>	<i>if the distance between the center of the extreme axles of any 2 axles that are not part of a tri-axle, that are not steerable axles, is not greater than 1.0m</i>
<b>Twin-steer axle</b>	<i>if the distance between the center of the extreme axles of any 2 steerable axles is not greater than 2.5m</i>

### OTHER DEFINITIONS

<b>T</b>	<i>means tonnes</i>
<b>Load sharing system</b>	<i>means a system designed to share the load between the axles comprising a tandem, a twin-steer axle or a tri-axle</i>

- ❖ *This information maybe varied, amended or changed in accordance with changes in the prevailing Legislation. If you are in any doubt concerning legal weight limits you are advised to contact [sne@slta.com.fj](mailto:sne@slta.com.fj) for clarification.*