

# SECTION 1 CONTENTS

Section Number	Topic	Page No	Effective Date
<b>1</b>	<b>CONTENTS</b>	1.1	07 Sept 2009
<b>2</b>	<b>INTRODUCTION</b>		07 Sept 2009
2.1	Introduction	2.1	
2.2	Innovative in Transport	2.2	
2.3	Prevention	2.3	
2.4	Overview of this Manual	2.4	
2.5	Code Amendment Notice	2.5	
<b>3</b>	<b>PURPOSE, SCOPE &amp; GLOSSARY</b>		07 Sept 2009
3.1	Purpose	3.1	
3.2	Scope	3.1	
3.3	Who Should Have Access to this Document	3.1	
3.4	Related Documents	3.2	
3.5	Glossary	3.3	
3.6	Truck Loading Code Equivalent Guidelines	3.6	
<b>4</b>	<b>GENERAL CONDITIONS OF CARRIAGE</b>		07 Sept 2009
4.1	Definitions and Interpretation	4.1	
4.2	Application	4.2	
4.3	Rates & Charges	4.3	
4.4	Acceptance, Inspection & Delivery of Freight	4.4	
4.5	Our Liability to You	4.4	
4.6	Your Liability to Us	4.6	
4.7	Special Freight	4.6	
4.8	Packing & Loading	4.7	
4.9	Storage & Demurrage	4.8	
4.10	General	4.9	
<b>5</b>	<b>LOAD SECURITY &amp; SAFETY</b>		07 Sept 2009
5.1	Safety	5.1	
5.2	Load Stability	5.2	
5.3	Load Movement	5.3	
5.4	Load Distribution	5.4	
5.5	Doors & Hatches	5.6	
5.6	Wagon / Container Seals	5.7	
5.7	Tie-Down Points and Lashings	5.8	
5.8	Baulking & Chocking	5.9	
5.9	Chains	5.10	
5.10	Dunnage	5.10	
5.11	Strops (or Load Binders)	5.11	
5.12	Steel Strapping	5.12	
5.13	Nets & Tarpaulins	5.13	
5.14	Twistlocks	5.13	
5.15	Stanchions	5.13	
5.16	Curtain-side Equipment	5.14	

<b>Section Number</b>	<b>Topic</b>	<b>Page No</b>	<b>Effective Date</b>
<b>6</b>	<b>EFFECTIVE FREIGHT HANDLING</b>		07 Sept 2009
6.1	Freight Sense	6.1	
6.2	Principles of Good Stowage	6.2	
6.3	Dangerous Goods	6.2	
6.4	Loading & Route Restrictions	6.3	
6.5	Claim Prevention	6.4	
<b>7</b>	<b>CONVEYANCE RESPONSIBILITIES</b>		07 Sept 2009
7.1	Sender's Responsibilities: Documentation	7.1	
7.2	Sender's Responsibilities: Packaging, Labelling & Placarding	7.7	
7.3	Sender's Responsibilities: Ordering	7.11	
7.4	Loading Responsibilities	7.11	
7.5	Distribution of Dangerous Goods Documentation	7.14	
7.6	Inter-Island Dangerous Goods Movement	7.14	
<b>8</b>	<b>RAIL EQUIPMENT &amp; FACILITIES</b>		07 Sept 2009
8.1	Types of Equipment	8.1	
8.2	Licences to Operate	8.1	
<b>9</b>	<b>AGRICULTURAL PRODUCT</b>		07 Sept 2009
9.1	Products Covered by this Section	9.1	
9.2	Temperature & Hygiene	9.1	
9.3	Cleaning	9.2	
9.4	Stowage	9.2	
<b>10</b>	<b>BULK PRODUCTS</b>		07 Sept 2009
10.1	Bulk Safety Procedures	10.1	
10.2	Aggregates	10.3	
10.3	Cement	10.3	
10.4	Coal	10.4	
10.5	Cullet (Broken Glass)	10.4	
10.6	Fertiliser (including Urea)	10.5	
10.7	Flour	10.6	
10.8	Grain	10.6	
10.9	Scrap	10.7	
10.10	Woodchip	10.9	
<b>11</b>	<b>BULK LIQUIDS &amp; GASSES</b>		07 Sept 2009
11.1	Safety Precautions	11.1	
11.2	Documentation & Labelling	11.1	
11.3	Ullage	11.2	
11.4	Specific Gravity	11.2	
11.5	Loading & Unloading	11.2	
11.6	Inter-Island Movement	11.2	

<b>Section Number</b>	<b>Topic</b>	<b>Page No</b>	<b>Effective Date</b>
<b>12</b>	<b>CONTAINERISED TRAFFIC</b>		07 Sept 2009
12.1	General Transportation	12.1	
12.2	Route & Wagon Capabilities	12.4	
12.3	Loading & Securing Containers on Rail	12.20	
12.4	Multiple Stacked Containers	12.22	
12.5	Containers in HSB Bins	12.22	
12.6	Container Types	12.22	
12.7	Twistlocks	12.23	
<b>13</b>	<b>METALLIC PRODUCT</b>		07 Sept 2009
13.1	General Handling Requirements	13.1	
13.2	Coil (Rolled) Steel	13.3	
13.3	Plate & Flat Sheet	13.7	
13.4	Large Castings & Fabricated Units	13.9	
13.5	Wire Coils	13.9	
13.6	Pipe, Tubing, Reinforcing & Structural Steels, including long run roofing	13.10	
<b>13A</b>	<b>STEEL PRODUCTS</b>		07 Sept 2009
13A.1	General Handling Requirements	13.1	
13A.2	Wagon Load Capacity	13.2	
13A.3	Wagon Loading Instruction	13.2	
<b>14</b>	<b>MOTOR VEHICLES</b>		07 Sept 2009
14.1	Key Principles	14.1	
14.2	Documentation	14.1	
14.3	Methods of Restraint	14.1	
14.4	Loading & Unloading	14.2	
14.5	Vehicle Dimensions and Wagon Height Limitations	14.2	
14.6	Clothing & Personal Protection Equipment	14.2	
14.7	Fuel Systems	14.3	
14.8	Vehicle Brakes & Gears	14.3	
14.9	Auto Express Routes on Rail	14.3	
14.10	Securing to Flat Deck Wagons including DD Wagons	14.4	
<b>15</b>	<b>PAPER PRODUCTS ( REELED )</b>		07 Sept 2009
15.1	The Paper Roll	15.1	
15.2	Key Points for Quality Assurance	15.2	
15.3	Clamp Equipment for Handling Paper Rolls	15.2	
15.4	Unloading Rail Wagons	15.3	
15.5	Forklift Handling	15.5	
15.6	Stowage of Rolls	15.7	
<b>16</b>	<b>LOGS</b>		07 Sept 2009
16.1	Transportation	16.1	
16.2	Rail Loading Information	16.1	
16.3	Loading Restraints	16.2	
16.4	Belly Straps	16.3	
16.5	Logs in LPA / LPL / LPM Wagons	16.3	

<b>Section Number</b>	<b>Topic</b>	<b>Page No</b>	<b>Effective Date</b>
<b>17</b>	<b>PULP</b>		07 Sept 2009
17.1	Rail Transportation	17.1	
17.2	Handling	17.1	
17.3	Loading Restraint	17.1	
17.4	Stowage	17.1	
<b>18</b>	<b>TIMBER PRODUCTS &amp; WASTE PAPER</b>		07 Sept 2009
18.1	General Principles	18.1	
18.2	Board Products	18.1	
18.3	Sawn Timber	18.3	
18.4	Waste Paper	18.3	
<b>19</b>	<b>HEAVY EQUIPMENT</b>		07 Sept 2009
19.1	Quality Assurance	19.1	
19.2	Heavy Vehicles (including earth moving machines, tractors & threshers)	19.1	
19.3	Machinery (including transformers)	19.2	
19.4	Construction Equipment	19.2	
<b>20</b>	<b>PALLETISED FREIGHT</b>		07 Sept 2009
20.1	Safe Handling	20.1	
20.2	Pallet Serviceability	20.2	
20.3	Principles of Good Pallet Stowage	20.3	
20.4	Standard Pallet Sizes	20.4	
20.5	Efficient Placement & Arrangement in Wagons	20.4	
20.6	Handling of Plastic & Steel Drums	20.6	
20.7	Batteries	20.6	
20.8	What to do if the Load Shifts on the Pallet	20.6	
<b>21</b>	<b>GENERAL (LOOSE) FREIGHT</b>		07 Sept 2009
21.1	Safe Handling	21.1	
21.2	Cartons & Boxes	21.2	
21.3	Cylindrical Loads (carpet rolls etc.)	21.2	
21.4	Drums, Gas Cylinders	21.3	
21.5	Glass & Glassware, Products contained in Glass	21.4	
21.6	Miscellaneous	21.4	
<b>22</b>	<b>OVERSIZE &amp; OVERWEIGHT LOADS</b>		07 Sept 2009
22.1	Definition of Oversize & Overweight Loads	22.1	
22.2	Special Transit Permits	22.1	
22.3	Oversize Loads	22.3	
22.4	Guidelines for Measuring Large Loads	22.8	
22.5	Guidelines for Loading Large Loads	22.9	
22.6	Overweight Loads	22.10	
<b>23</b>	<b>TRACK MATERIALS</b>		07 Sept 2009
23.1	Securing Sleeps in Bundles	23.1	
23.2	Loading Used Sleepers	23.2	
23.3	Loading New Sleepers	23.4	
23.4	Concrete Sleepers	23.5	