
MTE User Manual - Classification Schemes

4.03

MetroCount

Australia

15 O'Connor Close
North Coogee WA 6163
Ph: 08 9430 6164
Fax: 08 9430 6187
Email: sales@metrocount.com

United Kingdom

Unit 15, Oliver Business Park
Oliver Road
Park Royal, London NW10 7JB
Ph: 020 8782 8999
Fax: 020 8782 8737
Email: uksales@metrocount.com













United States

11820 West Market Place, Suite M
Fulton MD 20759
Ph: 800 576 5692
Fax: 301 490 3521
Email: usasales@metrocount.com

www.metrocount.com

ARX is a modification of AustRoads94. It removes class 12, moves all other classes up by one, and inserts a cycle class as class 1.

- **Units:** Metric (m)
- **Car class:** 2
- **Unclassifiable vehicle class:** 13

Axles	Groups	Description	Class		Parameters	Dominant Vehicle	Aggregate
2	1 or 2	Very Short - Bicycle or Motorcycle	MC	1	$d(1) < 1.7\text{m} \ \& \ \text{axles} = 2$		1 (Light)
2	1 or 2	Short - Sedan, Wagon, 4WD, Utility, Light Van	SV	2	$d(1) \geq 1.7\text{m}, d(1) \leq 3.2\text{m} \ \& \ \text{axles} = 2$		
3, 4 or 5	3	Short Towing - Trailer, Caravan, Boat, etc.	SVT	3	$\text{groups} = 3, d(1) \geq 2.1\text{m}, d(1) \leq 3.2\text{m}, d(2) \geq 2.1\text{m} \ \& \ \text{axles} = 3, 4, 5$		
2	2	Two axle truck or Bus	TB2	4	$d(1) > 3.2\text{m} \ \& \ \text{axles} = 2$		2 (Medium)
3	2	Three axle truck or Bus	TB3	5	$\text{axles} = 3 \ \& \ \text{groups} = 2$		
>3	2	Four axle truck	T4	6	$\text{axles} > 3 \ \& \ \text{groups} = 2$		
3	3	Three axle articulated vehicle or Rigid vehicle and trailer	ART3	7	$d(1) > 3.2\text{m}, \text{axles} = 3 \ \& \ \text{groups} = 3$		3 (Heavy)
4	>2	Four axle articulated vehicle or Rigid vehicle and trailer	ART4	8	$d(2) < 2.1\text{m} \ \text{or} \ d(1) < 2.1\text{m} \ \text{or} \ d(1) > 3.2\text{m}$ $\text{axles} = 4 \ \& \ \text{groups} > 2$		
5	>2	Five axle articulated vehicle or Rigid vehicle and trailer	ART5	9	$d(2) < 2.1\text{m} \ \text{or} \ d(1) < 2.1\text{m} \ \text{or} \ d(1) > 3.2\text{m}$ $\text{axles} = 5 \ \& \ \text{groups} > 2$		
≥ 6	>2	Six (or more) axle articulated vehicle or Rigid vehicle and trailer	ART6	10	$\text{axles} = 6 \ \& \ \text{groups} > 2 \ \text{or} \ \text{axles} > 6 \ \& \ \text{groups} = 3$		
>6	4	B-Double or Heavy truck and trailer	BD	11	$\text{groups} = 4 \ \& \ \text{axles} > 6$		
>6	≥ 5	Double or triple road train or Heavy truck and two (or more) trailers	DRT	12	$\text{groups} \geq 5 \ \& \ \text{axles} > 6$		

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