

You are probably aware that the Version 6 of the NSW Traffic Control at Worksites Manual (TCAWS) has been published (available free of charge from the RMS website by following the link below) <https://www.rms.nsw.gov.au/business-industry/partners-suppliers/document-types/guides-manuals/traffic-control-manual/index.html>

The information and instructions in the manual will be mandatory for all traffic control work in NSW from **13th May 2021**.

I have reviewed the contents of the manual and as far as I am able have identified the changes and/or additions to the requirements for performing Traffic Control in NSW.

There are a number of significant changes for example:

- The mandatory use of traffic signals in order to have Traffic Controllers control traffic from a safe location where applicable,
- The requirement to undertake refresher training every two years for workers on State Roads
- Where Traffic Controllers are on the road, the use of 4 cones 4 metres apart preceding the Traffic Controller is mandated.

The changes on the list are split into three areas

- **Operational:** Applies to activities that may influence on road activity
- **Admin:** Applies to activities which generally need to be considered when preparing a TMP, TGS (TCP)
- **Admin/Operational:** Applies to activities that are relevant to both on road and design considerations.

The T C A W S Version 6 runs to 288 pages and the information supplied is correct to the best of my knowledge, however please acquaint yourself with the disclaimer on page 5.

T C A W S Changes and Additions		March 2021		
Activity/ Heading	T C A W S Conditions or requirements	Para Ref	Page	Admin/ Operational
MUST	Replaces the word Shall as mandatory requirement when quoted in manual	1.3	18	Operational
Traffic Controllers	The rules for the temporary control of traffic require that: Type 1 traffic signals MUST be used on roads where current posted speed limit is over 45 Kph. Unless a Risk Assessment shows that the use of Traffic Signals is not the best means of achieving a safe work situation for a Traffic Controller	2.5	26	Operational
Traffic Control	If manual traffic control is justified by a Risk Assessment 4 cones 4 metres apart MUST be used preceding the traffic Controller	2.5	27	Operational
Traffic Controller requirements	General requirements for traffic Controllers that MUST be applied when a Traffic Controller is used to control traffic	5.4.3	86	Operational
Training requirements on going	The manual states that persons working on State Roads MUST undertake refresher training every 2 years State Roads As Defined in the "Schedule of Classified Roads and Unclassified Regional Roads" State Roads are managed and financed by RMS and Regional and Local Roads are managed and financed by councils.	2.4.2 1.3	24 18	Operational
Minimum Clearance for workers to traffic	Static work: minimum clearance 1.5 metres Dynamic Work: minimum clearance 1.5 metres unless a Risk Assessment shows it is safe to work closer	4.3.5	48	Operational
Protection of Work Area	Mandatory and recommended controls for the protection of the active work area	4.3.5	48	Operational
Notes on a TGS	Any notes shown on a T G S MUST be implemented as part of the work site TGS	7.4.2	137	Operational

Activity/ Heading	T C A W S Conditions or requirements	Para Ref	Page	Admin/ Operational
Selecting a TGS	Criteria for selecting & using a generic T G S	7.5.1	139	Operational
Controlled area description	Definition of worksite Persons responsibilities for the Worksite	1.3	17	Operational
Signs and Devices	The rules require that signs and devices MUST be checked on a regular basis	2.6	27	Operational
Edge clearance to Signs & Devices	The Edge clearance distance: for measuring minimum safe clearance distance for workers, delineating devices, cones, etc.	6.2.1	92	Operational
Taper lengths	Recommends length of tapers	7.6.2.2	144	Admin/ Operational
Frequently changing Work	Minimum controls for Frequently Changing Work areas (tree pruning etc)	7.8.3.1	163	Admin/ Operational
Approach Speed	MUST be reduced to less than 65Kph	5.4.3	87	Admin/ Operational
Traffic Controller Visibility	Traffic Controller Sight Distance MUST be a minimum of 1.5D If the 1.5D requirement cannot be met a site-specific Risk Assessment MUST establish additional satisfactory safety control measures	5.4.3	87	Admin/ Operational
Traffic Controller Identification	Traffic Controller's MUST wear a "badge" or "mark" clearly stating "Traffic Controller"	5.4.3	86	Admin/ Operational
Speed Zone Selection Criteria	Speed Zones: Be aware of the different wording attached to each zone 80 km/h: MUST: Mandatory if meets conditions 70 km/h May: permission or option often accompanied by 60 km/h MUST Mandatory if meets conditions 40 km/h MUST: Mandatory if meets conditions 30 km/h Should: non mandatory recommendation. Also see criteria for use	4.5.2 Table 4-8 4.5.3.	59 59 & 60	Admin

Activity/ Heading	T C A W S Conditions or requirements	Para Ref	Page	Admin/ Operational
Speed Zone Implementation	Speed zone implementation conditions	4.5.5	60	Admin
P T C D Portable Traffic Control Devices	Generic term: Portable Traffic Control Device are devices that allow the Traffic Controller's to control traffic from a safe distance from traffic.	1.3	18	Admin
P T S	Definition of Portable Traffic Signals as transportable and not permanently installed	1.3	19	Admin
Traffic Management Planning Process	A Temporary Traffic Management strategy (T T M) and TMP MUST be developed for all roadworks	3.1	31	Admin
Temporary Traffic Management Risk Assessment	After a Temporary Traffic Management (T T M) Plan has been established a Risk Assessment on the T T M MUST be undertaken	3.3.4	38	Admin
Dynamic Work	Frequently changing work areas, Continuous work, (previously mobile work) and intermittent Work is now known as Dynamic Work	4.2.5	45	Admin
State Roads	As Defined in Schedule of Classified Roads and Unclassified Regional Roads" State Roads are managed and financed by RMS and Regional and Local Roads are managed and financed by councils.	1.3	18	Admin
Providing for Works	Safe Movement of works traffic, vehicle movement plans	5.1	72	Admin
Dual signs	Requirements and limitations	6.5.7	104	Admin
Multi Message signs	Requirements and limitations	6.5.8	105	Admin

Activity/ Heading	T C A W S Conditions or requirements	Para Ref	Page	Admin/ Operational
Requirements for specific signs	Requirements and limitations	6.5.9	109	Admin
Type 2 & Type 1 Portable Traffic Signals Systems	Temporary traffic lights requirements and use	6.6.3 6.6.4	114	Admin
T M A's	Bump truck usage policy, recommended for roads with 85 kph speed limits & 20,000 v p d	6.10	126	Admin
Temporary portable rumble strips	Requirements and limitations	6.11	130	Admin
Traffic Guidance Schemes (TCP)	General requirements & conditions for a T G S	7	133	Admin
Dimension D	Dimension D MUST be determined by a T W Z TMP qualified person & specified on the T G S	7.3	135	Admin
Generic TGS library	Conditions for use of a generic TGS library	8.2.2	183	Admin
Table of examples of T G S 's	TGS examples in appendix D cannot be used for site work unless they have been reviewed and amended by a qualified person (Work Zone qualified)	D 3	245	Admin

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