



2024  
STATE  
**ROAD CRASH  
RESCUE**  
CHALLENGE

STRONGER TOGETHER



# Fire and Rescue NSW

I would like to welcome you all to Dubbo for the 2024 NSW State Road Crash Rescue Challenge. This is our fourth NSW multi-agency road rescue challenge with the goal to ensure that the NSW state road crash rescue capability is fit for purpose and meeting contemporary challenges in motor vehicle rescue capability.

I wish to thank all our Sponsors, including FRSA/Holmatro, PT Rescue/Lukas and Milwaukee for providing support in the pits again this year. All our sponsors are vital partners with emergency services, and they are integral industry representatives. With their support we can bring the best NSW State rescuers, paramedics, trainers, instructors, and assessors together for this event.

This year the FRNSW/NSWSES/FCA event management team have put together the 2024 State Road Crash Rescue Challenge to test the skills, knowledge, and expertise of the competing teams. This also includes a variety of learning opportunities commencing with the Learning Symposium.

We have included the Trauma Challenge, Industrial & Domestic Rescue Challenge, CPR and Rescue Skills event in this year's challenge to enhance the expertise of our first aiders. This is such an important part of road crash rescue capability, to get the best possible outcome for the victims of the many road crashes every year on NSW roads. I encourage everyone to get behind this event and support the competing teams.

I appreciate the challenges and preparation that face teams and individuals attending this year's State Road Crash Rescue Challenge and would like to thank all the competitors. I wish all participants the best with their challenge events, and I am looking forward to seeing the teams compete in an open learning environment. I know that everyone will come away from this challenge with new ideas and ways to undertake rescue and having made new friends.

I would also like to thank all the volunteers who have given up their time to ensure we have a successful 2024 Road Crash Rescue Challenge; your support is truly appreciated.

Regards,



**Fire and Rescue NSW  
Assistant Commissioner Cheryl Steer  
Director of Firefighter Championship**

# NSW State Emergency Service

The NSW State Emergency Service would like to welcome you to the 4th State Road Crash Rescue Challenge in Dubbo. This event brings together the two largest providers of Road Crash Rescue services as well as our partner agencies from across NSW, and beyond, to learn and share ideas in a multi-agency environment.

I would like to thank all the NSW SES members that have assisted with the development and conduct of this event. In addition, I would like to thank our emergency service partners for support of this event including the NSW Police Force, NSW Ambulance, VRA Rescue NSW and NSW Rural Fire Service. Their support is invaluable to ensure that this event is a success, and it further builds the relationship between agencies.

This event has been put together by a multi-agency planning team involving the NSW SES, FRNSW and Firefighter Championships Association. This event will test the skills and knowledge of the participants in Road Crash Rescue, First Aid, Casualty Management and Team Leadership.

It is crucial that our volunteers are highly competent with advanced skills, new equipment, and techniques, so that they can adapt quickly to any situation they are faced with when they are out in the field.

The Learning Symposium will provide a range of learning opportunities for participants through practical and theoretical sessions.

To enhance and develop the participant's skills in trauma management and CPR at a first aid level, a Trauma Challenge, Industrial & Domestic Rescue Challenge and CPR Challenge events have been included. The participant's performance will be evaluated by NSW Ambulance paramedics, with these officers providing feedback and guidance to participants on the management of these scenarios.

Events like this not only refine the proficiencies of our volunteers and enhance our inter-agency cooperation and working relationships, but also ensure the community gets the best possible response it can.

I wish on behalf of the NSW SES, all participants good luck for their participation in this year's challenge and I am looking forward to seeing the teams complete and learn.

Regards,



**NSW State Emergency Service  
Deputy Commissioner Daniel Austin**

# Firefighter Championships Association

The Firefighter Championships Association (FCA) would like to welcome participants, their families, sponsors, and supporters to this NSW State Road Crash Rescue Challenge.

This Challenge is the culmination of many months of planning and cooperation by multi agencies to present a forum where road crash rescue skills can be honed and tested under realistic conditions in a friendly but competitive environment.

Welcome to all representatives from our valued sponsors and supporters in attendance here at Dubbo. I hope you enjoy the 2024 State Road Rescue Challenge as our guests. We are grateful for your contribution in support of the Road Rescue Challenge and helping to grow the interest of teams attending these events into the future.

The Road Crash Rescue Challenge is a great way for emergency services personnel to develop skills and teamwork. It also a great way to meet fellow firefighters and emergency service personnel from other agencies and share knowledge and skills. This is consistent with the aims and objectives of Firefighter Championships and the FCA is proud to be a partner in this important initiative.

These events cannot be conducted without the support and volunteering of many people from across agencies. We thank them for their valuable contribution.

Come along, have a go, meet fellow emergency responders, and have a great time! Information on this event and FCA Championships is on our website: [www.firefighterchampionships.com](http://www.firefighterchampionships.com).

Regards,

**Jamie Loader**  
**President FCA**



**The NSW State Road Crash Rescue Challenge aims to create an environment in which representatives from all agencies involved in responding to road rescues in NSW can come together to learn, exchange ideas and participate in skills challenges in the spirit of camaraderie; delivering a stronger, more effective, and more skilled road crash rescue response for the communities of NSW.**

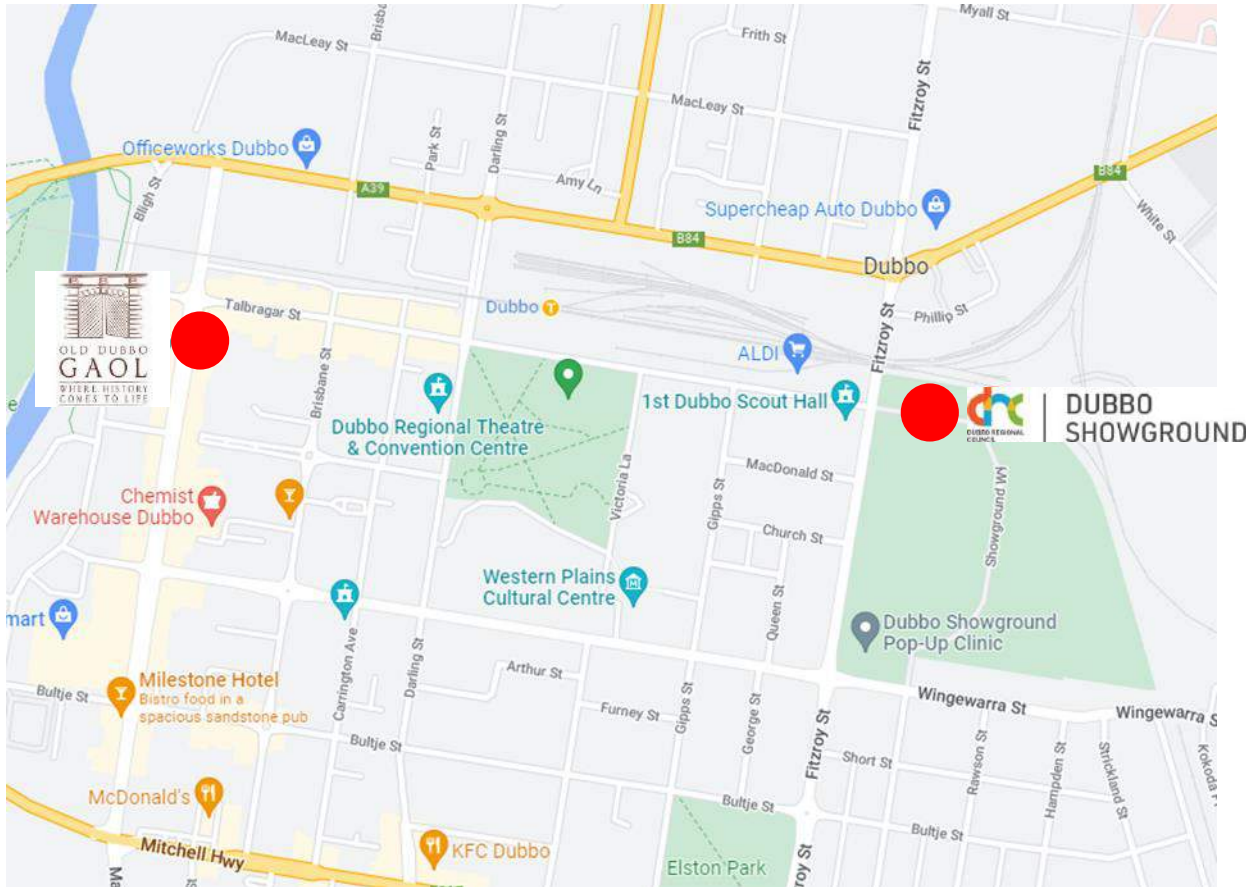


NSW STATE  
**ROAD CRASH RESCUE**  
CHALLENGE

STRONGER TOGETHER



# Venues



**Dubbo Showground,  
Fitzroy Street,  
Dubbo**

**Old Dubbo Gaol,  
90 Macquarie Street,  
Dubbo**



## General Information

### Lanyards and Name Tags

Name Tags must be worn at all times during the Challenge.

### Catering

Dubbo Rotary Club will be serving Breakfast from 6:30am to 10:00am and Lunch from 11:30am to 2:30pm from Friday to Sunday. Meal vouchers will be required, these will be issued at check in each day.

Snacks, water and tea and coffee will be available at all times.

A coffee cart will be serving hot beverages and snacks from 6:30am on Saturday and Sunday on a user pays basis.

### Event Schedule

Please ensure your team is at the event pit 5 minutes prior to your event.

If you cannot make the scheduled event time, please inform the operations room as soon as possible .



# NSW Road Crash Rescue Challenge 2024 Program

## Friday 24 May 2024

<b>Event</b>	<b>Learning Symposium</b>
<b>Time</b>	8:00 - 17:00
<b>Venue</b>	Dubbo Showground
<b>Dress</b>	Agency Uniform + PPE for practical scenarios

## Saturday 25 May 2024

<b>Event</b>	<b>NSW RCRC - Day 1</b>
<b>Time</b>	0730-1730
<b>Venue</b>	Dubbo Showground
<b>Dress</b>	Agency Uniform & PPE

<b>Event</b>	<b>Casual Function</b>
<b>Time</b>	18:00 - 22:00
<b>Venue</b>	Old Dubbo Gaol
<b>Dress</b>	Casual

## Sunday 26 May 2024

<b>Event</b>	<b>NSW RCRC - Day 2</b>
<b>Time</b>	0730-1700
<b>Venue</b>	Dubbo Showground
<b>Dress</b>	Agency Uniform & PPE

## Tuesday 28 May 2024

<b>Event</b>	<b>NSW RCRC - Virtual Presentation Announcement</b>
<b>Time</b>	18:00
<b>Venue</b>	Online
<b>Dress</b>	N/A





## Competing Teams

Team	Agency
Werribee CFA	Country Fire Authority Victoria
RS2 Phantoms	Fire and Rescue NSW
RW1 Rhinos	Fire and Rescue NSW
Ulladulla FRNSW	Fire and Rescue NSW
Wyong FRNSW	Fire and Rescue NSW
Coffs Harbour NSWSES	NSW State Emergency Service
Lismore NSWSES	NSW State Emergency Service
Hunter Valley Rescue NSWSES	NSW State Emergency Service
Hawkesbury NSWSES	NSW State Emergency Service
Kiama NSWSES	NSW State Emergency Service
Snowy River NSWSES	NSW State Emergency Service
Forbes NSWSES	NSW State Emergency Service
Coonamble NSWSES	NSW State Emergency Service
Port Macquarie NSWSES	NSW State Emergency Service
Batemans Bay NSWSES	NSW State Emergency Service
VRA Rescue NSW East	VRA Rescue NSW
VRA Rescue NSW West	VRA Rescue NSW
VRA Rescue NSW North	VRA Rescue NSW
VRA Rescue NSW South	VRA Rescue NSW



# Learning Symposium

All participants will be placed in a group. (Team members will be placed in the same group)

## Symposium Day Schedule:

Time	Duration						
8:00	15 Mins	<b>Welcome, Intro, How the day works, WHS</b>					
		Group A	Group B	Group C	Group D	Group E	Group F
8:15	60 Mins	<b>Stand 1</b>	<b>Stand 2</b>	<b>Stand 3</b>	<b>Stand 4</b>	<b>Stand 5</b>	<b>Stand 6</b>
9:25	60 Mins	<b>Stand 6</b>	<b>Stand 1</b>	<b>Stand 2</b>	<b>Stand 3</b>	<b>Stand 4</b>	<b>Stand 5</b>
10:25	15 Mins	<b>Morning Tea</b>					
10:40	60 Mins	<b>Stand 5</b>	<b>Stand 6</b>	<b>Stand 1</b>	<b>Stand 2</b>	<b>Stand 3</b>	<b>Stand 4</b>
11:50	60 Mins	<b>Stand 4</b>	<b>Stand 5</b>	<b>Stand 6</b>	<b>Stand 1</b>	<b>Stand 2</b>	<b>Stand 3</b>
12:50	30 Mins	<b>Lunch</b>					
13:20	60 Mins	<b>Stand 3</b>	<b>Stand 4</b>	<b>Stand 5</b>	<b>Stand 6</b>	<b>Stand 1</b>	<b>Stand 2</b>
14:30	60 Mins	<b>Stand 2</b>	<b>Stand 3</b>	<b>Stand 4</b>	<b>Stand 5</b>	<b>Stand 6</b>	<b>Stand 1</b>
15:30	30 Mins	<b>Event Breifing</b>					

\* Symposium sessions are 60 minutes with 10 minutes allowance for change over

## Symposium Topics:

Workshop	Description	Facilitator
Stand 1	Mechanical Advantage - How to Understand and Teach Mechanical Advantage	Tim Fox & Dean Scifleet
Stand 2	Technical lifting and stabilisation	James Boland & Shannon Crofton
Stand 3	Vehicle Winching - Resistance Calculations for Vehicle Relocation and Redirection Anchor Forces	Gerrard Collins, Charles Wilkinson & Michael Vanderzalm
Stand 4	Leadership - Recognition Primed Decision Making	Tony Northbrook Hine
Stand 5	Plant and Machinery Entrapment and Isolation	Daniel van Keimpema
Stand 6	Mental Health for First Responders	Jamie Edwards

Symposium Workshops are a mix of practical and theoretical sessions.

Workshops will be held in various spaces on the site; your group will be advised of each location.





**LUKAS**



**POWER  
UNDER   
CONTROL**

## Road Crash Rescue Challenge Schedule

Controlled Rescue	Equipment Inspection (10 min)	Scenario Staging (20 min)	Compete Time (30 min)	Debrief (10 min)
<b>Saturday 25 May</b>				
Hunter Valley Rescue NSWSES	7:30	7:40	8:00	8:35
Ulladulla FRNSW	8:40	8:50	9:10	9:45
Hawkesbury NSWSES	9:50	10:00	10:20	10:55
Coonamble NSWSES	11:00	11:10	11:30	12:05
Forbes NSWSES	12:35	12:45	13:05	13:40
Snowy River NSWSES	13:45	13:55	14:15	14:50
Coffs Harbour NSWSES	14:55	15:05	15:25	16:00
RW1 Rhinos	16:05	16:15	16:35	17:10
<b>Sunday 26 May</b>				
Werribee CFA	7:30	7:40	8:00	8:35
Wyong FRNSW	8:40	8:50	9:10	9:45
VRA Rescue NSW North	9:50	10:00	10:20	10:55
RS2 Phantoms	11:00	11:10	11:30	12:05
Kiama NSWSES	12:35	12:45	13:05	13:40
VRA Rescue NSW East	13:45	13:55	14:15	14:50
Lismore NSWSES	14:55	15:05	15:25	16:00
VRA Rescue NSW West	16:05	16:15	16:35	17:10

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POWERED BY **API GROUP**

<b>Entrapped Rescue</b>	<b>Equipment Inspection (10 min)</b>	<b>Scenario Staging (20 min)</b>	<b>Compete Time (30 min)</b>	<b>Debrief (10 min)</b>
<b>Saturday 25 May</b>				
Werribee CFA	7:40	7:50	8:10	8:45
Wyong FRNSW	8:50	9:00	9:20	9:55
VRA Rescue NSW North	10:00	10:10	10:30	11:05
RS2 Phantoms	11:10	11:20	11:40	12:15
Kiama NSWSES	12:45	12:55	13:15	13:50
VRA Rescue NSW East	13:55	14:05	14:25	15:00
Lismore NSWSES	15:05	15:15	15:35	16:10
VRA Rescue NSW West	16:15	16:25	16:45	17:20
<b>Sunday 26 May</b>				
Hunter Valley Rescue NSWSES	7:40	7:50	8:10	8:45
Ulladulla FRNSW	8:50	9:00	9:20	9:55
Hawkesbury NSWSES	10:00	10:10	10:30	11:05
Coonamble NSWSES	11:10	11:20	11:40	12:15
Forbes NSWSES	12:45	12:55	13:15	13:50
Snowy River NSWSES	13:55	14:05	14:25	15:00
Coffs Harbour NSWSES	15:05	15:15	15:35	16:10
RW1 Rhinos	16:15	16:25	16:45	17:20



**THE FORCE BEHIND THE FIGHT**

THE GLOBAL LEADER IN FIRE SUPPRESSION SINCE 1886

<b>Trauma Challenge</b>	<b>Equipment Inspection (5 min)</b>	<b>Scenario Staging (10 min)</b>	<b>Compete Time (15 min)</b>	<b>Debrief (5 min)</b>
<b>Saturday 25 May</b>				
Hawkesbury NSWSES	7:45	7:50	8:00	8:15
Coonamble NSWSES	8:55	9:00	9:10	9:25
Werribee CFA	10:05	10:10	10:20	10:35
Wyong FRNSW	11:15	11:20	11:30	11:45
VRA Rescue NSW West	12:25	12:30	12:40	12:55
Coffs Harbour NSWSES	13:35	13:40	13:50	14:05
Forbes NSWSES	14:45	14:50	15:00	15:15
VRA Rescue NSW East	15:55	16:00	16:10	16:25
<b>Sunday 26 May</b>				
VRA Rescue NSW North	7:45	7:50	8:00	8:15
RS2 Phantoms	8:55	9:00	9:10	9:25
VRA Rescue NSW South	9:30	9:35	9:45	10:00
Hunter Valley Rescue NSWSES	10:05	10:10	10:20	10:35
Ulladulla FRNSW	11:15	11:20	11:30	11:45
RW1 Rhinos	12:25	12:30	12:40	12:55
Port Macquarie NSWSES	13:00	13:05	13:15	13:30
Lismore NSWSES	13:35	13:40	13:50	14:05
Batemans Bay NSWSES	14:10	14:15	14:25	14:40
Kiama NSWSES	14:45	14:50	15:00	15:15
Snowy River NSWSES	15:30	15:35	15:45	16:00



***The Safety Company***

<b>Industrial &amp; Domestic Rescue Challenge</b>	<b>Equipment Inspection (5 min)</b>	<b>Scenario Staging (10 min)</b>	<b>Compete Time (20 min)</b>	<b>Debrief (5 min)</b>
<b>Saturday 25 May</b>				
VRA Rescue NSW North	8:00	8:05	8:15	8:35
Port Macquarie NSWSES	8:45	8:50	9:00	9:20
Hunter Valley Rescue NSWSES	9:30	9:35	9:45	10:05
Batemans Bay NSWSES	10:15	10:20	10:30	10:50
Ulladulla FRNSW	11:00	11:05	11:15	11:35
Snowy River NSWSES	11:50	11:55	12:05	12:25
RW1 Rhinos	12:40	12:45	12:55	13:15
RS2 Phantoms	14:10	14:15	14:25	14:45
Kiama NSWSES	15:10	15:15	15:25	15:45
VRA Rescue NSW South	15:55	16:00	16:10	16:30
Lismore NSWSES	16:40	16:45	16:55	17:15
<b>Sunday 26 May</b>				
Hawkesbury NSWSES	8:20	8:25	8:35	8:55
Werribee CFA	9:30	9:35	9:45	10:05
Wyong FRNSW	10:40	10:45	10:55	11:15
VRA Rescue NSW East	12:15	12:20	12:30	12:50
VRA Rescue NSW West	13:00	13:05	13:15	13:35
Coonamble NSWSES	14:10	14:15	14:25	14:45
Forbes NSWSES	15:20	15:25	15:35	15:55
Coffs Harbour NSWSES	16:30	16:35	16:45	17:05





<b>Rescue Skills</b>	<b>Start</b>	<b>Finish</b>
<b>Saturday 25 May</b>		
Ulladulla FRNSW	8:00	8:15
Hawkesbury NSWSES	8:40	8:55
Werribee CFA	9:05	9:20
Coffs Harbour NSWSES	9:35	9:50
Coonamble NSWSES	10:00	10:15
Hunter Valley Rescue NSWSES	10:20	10:35
Snowy River NSWSES	10:45	11:00
Forbes NSWSES	11:10	11:25
VRA Rescue NSW North	11:35	11:50
VRA Rescue NSW East	12:10	12:25
RS2 Phantoms	12:35	12:50
Wyong FRNSW	13:00	13:15
VRA Rescue NSW West	13:25	13:40
RW1 Rhinos	13:50	14:05
Lismore NSWSES	14:15	14:30
Kiama NSWSES	14:40	14:55
<b>Sunday 26 May</b>		
VRA Rescue NSW South	8:00	8:15
Port Macquarie NSWSES	8:50	9:05
Batemans Bay NSWSES	9:15	9:30



<b>CPR Challenge</b>	<b>Start</b>	<b>Finish</b>
<b>Saturday 25 May</b>		
VRA Rescue NSW South	13:05	13:20
Port Macquarie NSWSES	13:35	13:50
Batemans Bay NSWSES	14:05	14:20
<b>Sunday 26 May</b>		
Wyong FRNSW	8:00	8:15
VRA Rescue NSW North	8:40	8:55
Hunter Valley Rescue NSWSES	9:05	9:20
Lismore NSWSES	9:35	9:50
RS2 Phantoms	10:00	10:15
Werribee CFA	10:20	10:35
VRA Rescue NSW East	10:45	11:00
Kiama NSWSES	11:10	11:25
Hawkesbury NSWSES	11:35	11:50
Snowy River NSWSES	12:10	12:25
Coonamble NSWSES	12:35	12:50
Ulladulla FRNSW	13:00	13:15
RW1 Rhinos	13:25	13:40
VRA Rescue NSW West	13:50	14:05
Coffs Harbour NSWSES	14:15	14:30
Forbes NSWSES	14:40	14:55



<b>Workshop</b>	<b>Start</b>	<b>Finish</b>	<b>Pit</b>
<b>Saturday 25 May</b>			
Snowy River NSWSES	9:00	9:40	PT
VRA Rescue NSW East	9:00	9:40	PT
Batemans Bay NSWSES	9:00	9:40	FRSA
Forbes NSWSES	10:00	10:40	PT
Kiama NSWSES	10:00	10:40	PT
Port Macquarie NSWSES	10:00	10:40	FRSA
Hunter Valley Rescue NSWSES	11:00	11:40	PT
Werribee CFA	11:00	11:40	FRSA
Ulladulla FRNSW	12:00	12:40	PT
Coffs Harbour NSWSES	12:00	12:40	PT
Wyong FRNSW	12:00	12:40	FRSA
Hawkesbury NSWSES	13:00	13:40	PT
VRA Rescue NSW North	13:00	13:40	PT
Lismore NSWSES	13:00	13:40	FRSA
Coonamble NSWSES	14:00	14:40	PT
VRA Rescue NSW West	14:00	14:40	PT
VRA Rescue NSW South	14:00	14:40	FRSA
RW1 Rhinos	15:00	15:40	PT
RS2 Phantoms	15:00	15:40	FRSA
<b>Sunday 26 May</b>			
Snowy River NSWSES	9:00	9:40	FRSA
VRA Rescue NSW East	9:00	9:40	FRSA
Forbes NSWSES	10:00	10:40	FRSA
Kiama NSWSES	10:00	10:40	FRSA
Batemans Bay NSWSES	10:00	10:40	PT
Hunter Valley Rescue NSWSES	11:00	11:40	FRSA
Werribee CFA	11:00	11:40	PT
Port Macquarie NSWSES	11:00	11:40	PT
Wyong FRNSW	12:00	12:40	PT
Lismore NSWSES	12:00	12:40	PT
Ulladulla FRNSW	12:00	12:40	FRSA
Coffs Harbour NSWSES	13:00	13:40	FRSA
Hawkesbury NSWSES	13:00	13:40	FRSA
VRA Rescue NSW North	13:00	13:40	FRSA
RW1 Rhinos	14:00	14:40	FRSA
RS2 Phantoms	14:00	14:40	PT
VRA Rescue NSW South	14:00	14:40	PT
Coonamble NSWSES	15:00	15:40	FRSA
VRA Rescue NSW West	15:00	15:40	FRSA

The NSW State Road Crash Rescue Challenge  
Organising Team acknowledges the support of our local  
suppliers



DUBBO  
SHOWGROUND





**Fire Rescue Safety Australia (FRSA)** runs parallel to those who strategically manage the emergency management process. We are professional equipment suppliers who provide expertise throughout the Asia Pacific region.

FRSA is a partner you can trust to provide the right advice and support throughout the entire emergency management cycle. Our team of professionals have strong backgrounds and expertise in varying disciplines of emergency response, providing exceptional levels of support around the clock when you need it most.

Quality is the foundation of all products in the FRSA range. Our suite of products can assist emergency services in the following disciplines.

- Fire Fighting
- Vehicle Extrication
- Breathing Apparatus
- HazMat
- Confined Space
- Water Rescue
- First Aid / Medical
- Rope Rescue
- Search and Rescue
- Emergency Response Vehicles
- Law Enforcement / Military



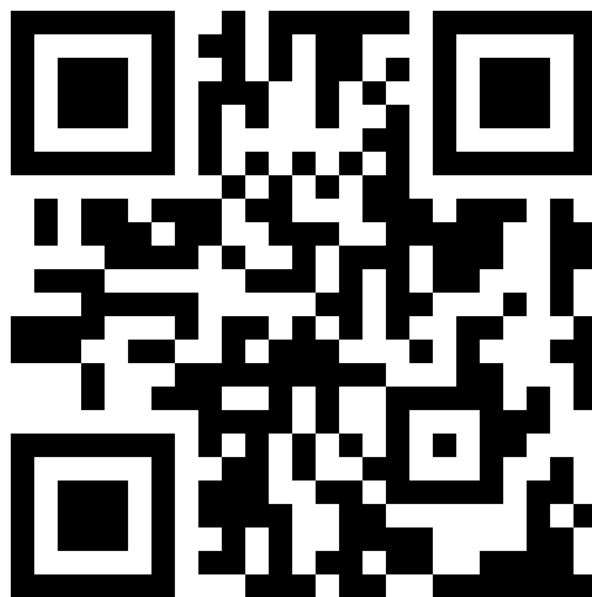
Make sure you stop by and have a chat and see what our supporters have to offer at their displays



**The NSW State Road Crash Rescue Challenge  
Organising Team acknowledges the support of The  
Australasian Rescue Organisation**



**The Australasian Rescue Organisation is the peak  
body in Australasia for the development and  
exchange of information, knowledge and skills in  
road and trauma rescue.**



The NSW State Road Crash Rescue Challenge  
Organising Team acknowledges the support of our  
equipment suppliers



**FRSA**  
*Fire Rescue Safety Australia*



The NSW State Road Crash Rescue Challenge  
Organising Team acknowledges the support of our  
cordless hand tool supplier



**Stay in Touch**

Find all the Latest  
State Road Crash Rescue Challenge News @

**NSWRCRC.com**

and



**Facebook.com/NSWRCRC**

# Firefighter Championship Association Supporters



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