

	<h1 style="text-align: center;">ANRARA</h1> <p style="text-align: center;"><b>Australian National Road Accident Rescue Association</b>          ABN 82 077 705 054  <a href="http://www.anrara.org.au">www.anrara.org.au</a></p>	<p>All Correspondence:          151 Sturt St          SOUTHBANK          Victoria 3006          Australia</p> <p>Ph (03) 9684 6602 BH          Fax (03) 9684 6659  <a href="mailto:anrara@anrara.org.au">anrara@anrara.org.au</a></p>
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## TECHNICAL BULLETIN No. 3/2000

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### **SUBJECT                      USE OF ENERPAC WR15 'ALIGATOR' SPREADER**

Many members would be aware of reports that the Enerpac WR15 spreader has been known to fail while under operational load. As a consequence a number of RAR agencies around the country have withdrawn the tool from service.

In relation to this concern, the manufacturer has advised the following:  
 The tool has a maximum rated operating pressure of 10000 psi and maximum rated load of 1500 lbs (682 kgs). As the tool opens, a lower pressure is required to lift the same load because of mechanical advantage (see table below). That is, as the spreader opens under load the pressure required to operate the tool will decrease. However, if the initial load on the tool occurs when already open the operating pressure will exceed the maximum rated limit, which may cause the tool to fail. That is if the operator tries to spread something for which there is an initial gap larger than the closed tips of the tool the initial load pressure will exceed ratings.

Enerpac have advised that they will guarantee the use of the WR15 spreader provided the tool is used in accordance with the manufacturer's instructions. This suggests that the tool should only ever be placed under initial load when fully closed, therefore, if the initial opening is larger than the closed tips of the tool it should be suitable packed first.

The above information should be passed on to all members of your agency involved in using this tool.

**AT ALL TIMES YOU SHOULD COMPLY WITH YOUR AGENCY POLICY ON THE USE OF THIS TOOL AND ALWAYS REMEMBER:**

### **PACK AS YOU JACK!**

<b>Tool Spread at Tips</b>	<b>Max. Operating Pressure</b>	<b>Max. rated load at Tips</b>
0	9000 psi (620 bar)	1500 lbs (682 kgs)
3 in (8 cm)	9000 psi (620 bar)	
6 in (15 cm)	6000 psi (415 bar)	
9 in (23 cm)	3000 psi (205 bar)	
11.5 in (29 cm)	1000 psi (70 bar)	

This information is provided by ANRARA as a service to members. ANRARA does not guarantee its accuracy and wherever possible will quote the source of the information for further enquiries.

**SOURCE  
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