

PAULCONOLE ENGINEERING P.L.

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PROJECT	SAFE LOAD TABLE FOR 144mm BOX TRUSS	PAGE:	1
		REF:	522
CLIENT	C.L.S. AUSTRALIA	DESIGNED:	PC
		DATE	APRIL 2015

ALLOWABLE LOAD CHART (REFER NOTES BELOW)**PRELIMINARY**

SPAN (metres)	ALLOWABLE UNIFORM LOAD kgs total on span and max. single point load	ALLOWABLE POINT LOAD kgs	
			POINT LOADS AT 0.5M MIN.SPACING
2	200,50 MAX. POINT	50 OR 150 ON NODE	NODE POINTS ARE WHERE DIAGONAL
4	150,30 MAX.POINT.	50 OR 75 ON NODE	RODS MEET MEET MAIN CHORD TUBES
6	100,20 MAX. POINT.	20 OR 50 ON NODE	

- NOTES
- 1/ ABOVE LOADS TAKEN FROM COMPUTATIONS CARRIED OUT IN ACCORDANCE WITH A.S. 1664 - ALUMINUM STRUCTURES CODE
 - 2/ ABOVE LOADINGS ARE BASED ON INTERNAL USAGE ONLY I.E. WIND LOADS NOT CONSIDERED
 - 3/ ASSEMBLED TRUSS TO BE SUPPORTED ON EITHER TOP OR BOTTOM CHORDS AT EACH END
 - 4/ ABOVE LOAD HAVE BEEN COMPUTED ASSUMING THE EVEN DISTRIBUTION OF LOADS FROM INCOMING TRUSSES ACROSS TRUSS PANEL POINTS SO AS TO PREVENT TWISTING.
 - 5/ TRUSS SEGMENTS BOLTED TOGETHER USING 2 10 DIAMETER GRADE 8.8 BOLTS TOP & BOTTOM
 - 6/ THE ASSEMBLED STRUCTURE IS TO BE ADEQUATELY BRACED SO AS TO PREVENT RACKING
 - 7/ THE LOADINGS SPECIFIED ABOVE ARE IN ADDITION TO THE SELF WEIGHT OF THE TRUSS
 - 8/ DEFLECTION LIMITS HAVE NOT BEEN APPLIED IN COMPILING LOAD CHART