

# Rex J. Andrews Pty Limited

ENGINEERED TRANSPORTATION

ABN 27 003 839 718

PO Box 271 Penrith NSW Australia 2751

Telephone 02 4721 7633 Fax 02 4721 7644

www.rja.com.au

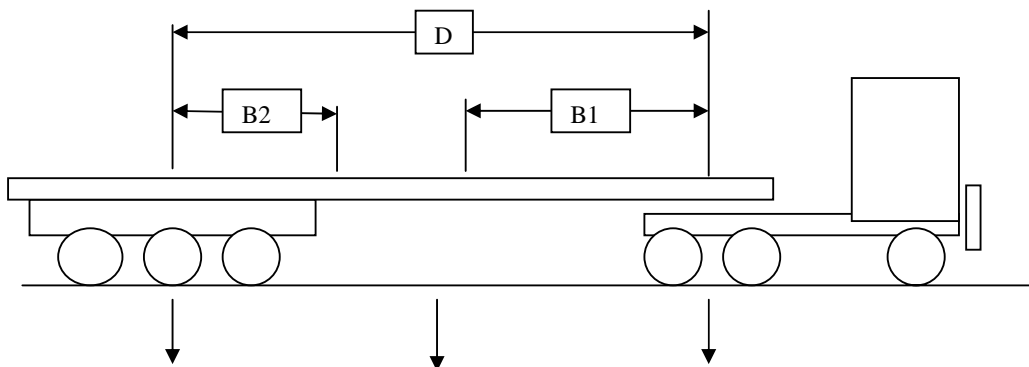
email info@rja.com.au

## Load Weight Transfer Calculation Sheet

Load Description:

| Length | Width | Height | Weight |
|--------|-------|--------|--------|
|        |       |        |        |

Load Centre of Gravity



|                  |                 |                   |
|------------------|-----------------|-------------------|
| Payload Rear = C | Load Weight = L | Payload Front = A |
|                  |                 |                   |

Check that A+C is greater than L,

If not use a truck and trailer with a greater combined payload

$$B1 = \frac{D \times C}{L} \quad \frac{\text{ } \times \text{ }}{\text{ }} = \text{ }$$

$$B2 = \frac{D \times A}{L} \quad \frac{\text{ } \times \text{ }}{\text{ }} = \text{ }$$

Load between B1 from the front axle group centre and B2 from the rear axle group centre, Where B1 and B2 have been calculated above