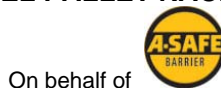


**TEST CERTIFICATE**  
**RACKING IMPACT TESTING IN ACCORDANCE WITH FEM 10.2.02 THE DESIGN OF STATIC STEEL PALLET RACKING**



**RACKING PROTECTION – RackGaurd Leg ProtectA**

**TEST DESCRIPTION:** An impact test on the RackGaurd Leg ProtectA product to determine whether the system can protect the racking against a maximum displacement of 3mm, with a load of 400Nm being dropped vertically from a 1 meter height, to comply with standard FEM 10.2.02 The Design of Static Steel Pallet Racking.

**REF NO.:** IR3968  
**JOB NO.:** I6560  
**CERTIFICATE NO.:** TC0001

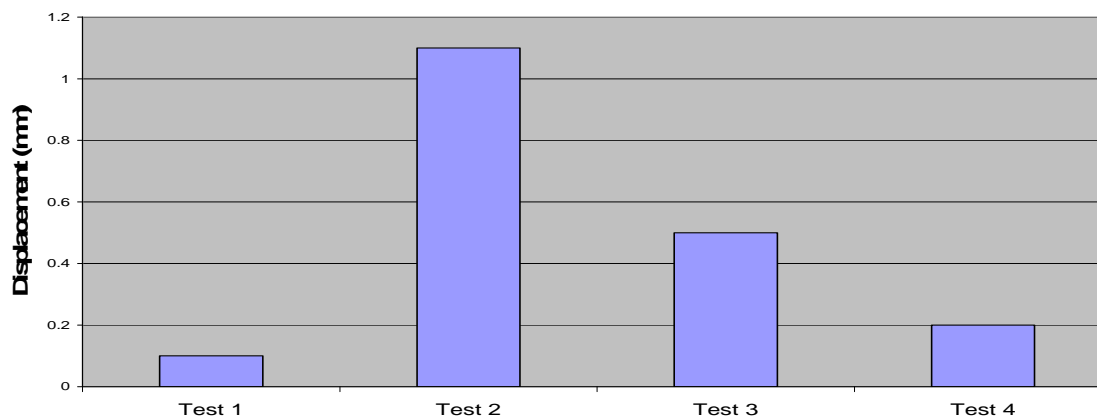
**DATE TESTED:** 1<sup>st</sup> February 2012  
**DATE REPORTED:** 2<sup>nd</sup> February 2012  
**CERTIFICATE DATE:** 2<sup>nd</sup> February 2012

**TEST ITEM DETAILS:**

RackGaurd Leg ProtectA Height:	600mm
RackGaurd Leg ProtectA Width	110mm
RackGaurd Leg ProtectA Depth	100mm
Speedrack Medium Duty Racking Height	2000mm
Speedrack Medium Duty Racking Width	80mm
Speedrack Medium Duty Racking Depth	80mm

**TEST RESULTS:**

**Racking Protection Impact Test**



**ANALYSIS:**

The RackGaurd Leg ProtectA when assembled and tested in the manor indicated within this certificate conforms to the standard FEM 10.2.02 The Design of Static Steel Pallet Racking.

On conclusion to the results from all four tests, using the RackGaurd Leg ProtectA system resulted in the racking damage to be within the maximum allowed displacement of 3mm; with the maximum displacement achieved being 1.1mm; therefore this product has passed.



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**POSITION:** Instrumentation Engineer