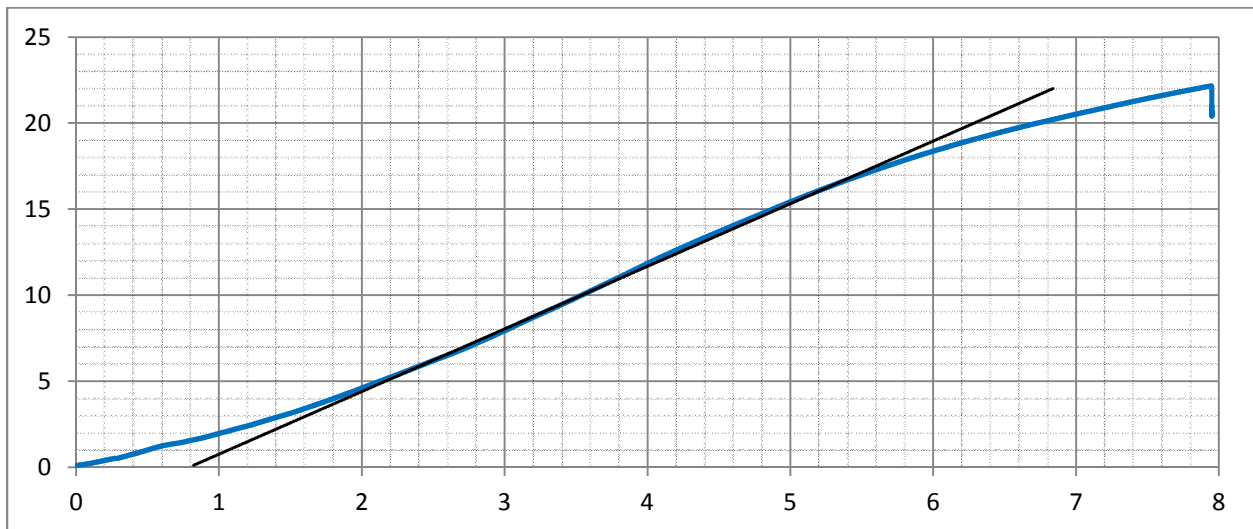
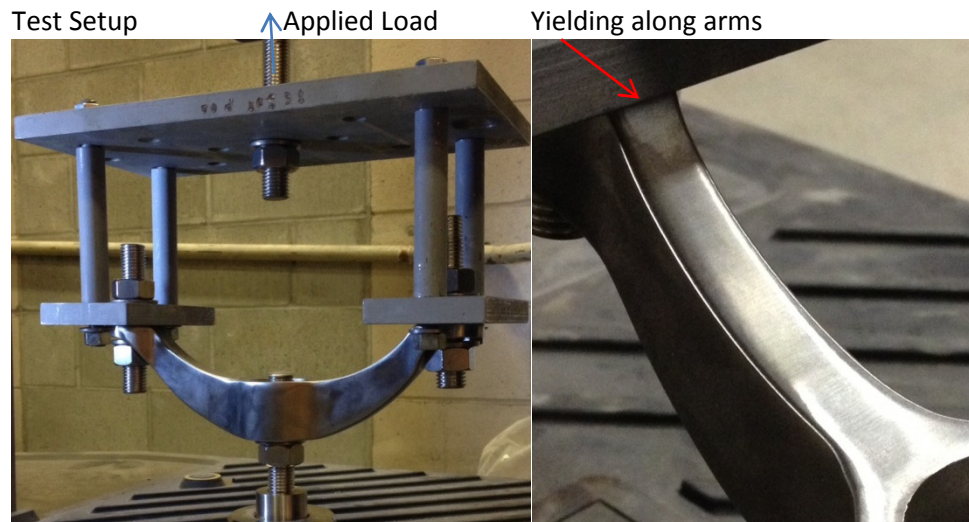


TEST REPORT

Tested by: Steve Epp.
Testing Location: Powertech Labs Inc.
Part: S202FT – Two Arm Spider (Gd316 Stainless steel)

Test Setup: The spider is tested with a horizontal load applied on both arms, which represents wind load in a wall application, or snow load in a canopy.



Conclusions / Observations:

The spider is tested to a load of 22kN (11kN per arm).
 Yield began at 18 kN (9 kN per arm) near the end of the arms.
 Upon disassembling the test apparatus, signs of yielding are visible at all mounting points where fasteners apply compression to the spider.

