

# TEST REPORT

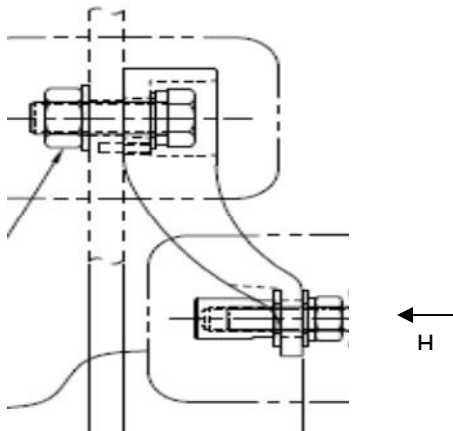
Model: S20 – 1V SPIDER

**Tested by:** Ricky Lo, BASc. – Materials Engineering

**Testing Location:** Powertech Labs Inc.

## Test Setup:

Horizontally loaded test performed on arm of the test piece with respect to a wall application. This is the 1<sup>st</sup> of 2 tests that will be performed.

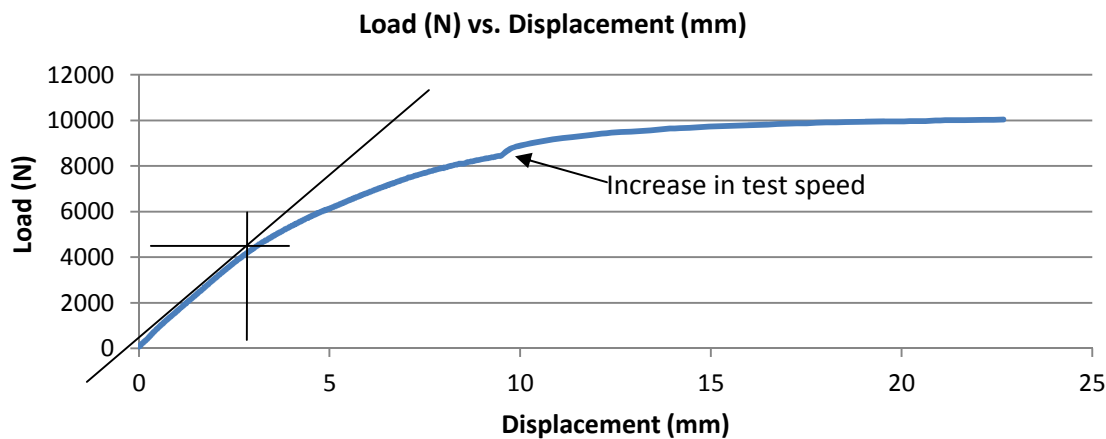


S20-1V wall application



S20-1V test setup

## Test Results:



## Conclusion/ Observations:

Test piece was loaded until 10kN and yielding begins to occur at 4kN. Based on engineering drawing data, arm should yield at 3.7kN load. Graph changes slightly at 10mm to reflect an increase in test speed. Noticeable areas of yield on test piece are along all faces of the arm while arm end shows little in regards to deformation

