

## TEST CERTIFICATE : ROCPROPS

### DYNAMIC TESTING OF FIVE MK3 RP1520C ROCPROPS

Date of Test: 15/10/2020

#### INTRODUCTION

We have a rigorous testing program that is based on the random selection of products (Project number: SIM04 02 05) that are produced and tested in our testing facility. The Load Deformation graph for the test include a portion of Static behavior of each product being tested in the facility for every 5 products a standard deviation graph is included. Furthermore before the testing is done the product is taken apart and thoroughly checked according to the specifications (also listed below in document) to ensure that there are no deviations or damage to the individual components of the product.

#### **Component specification**

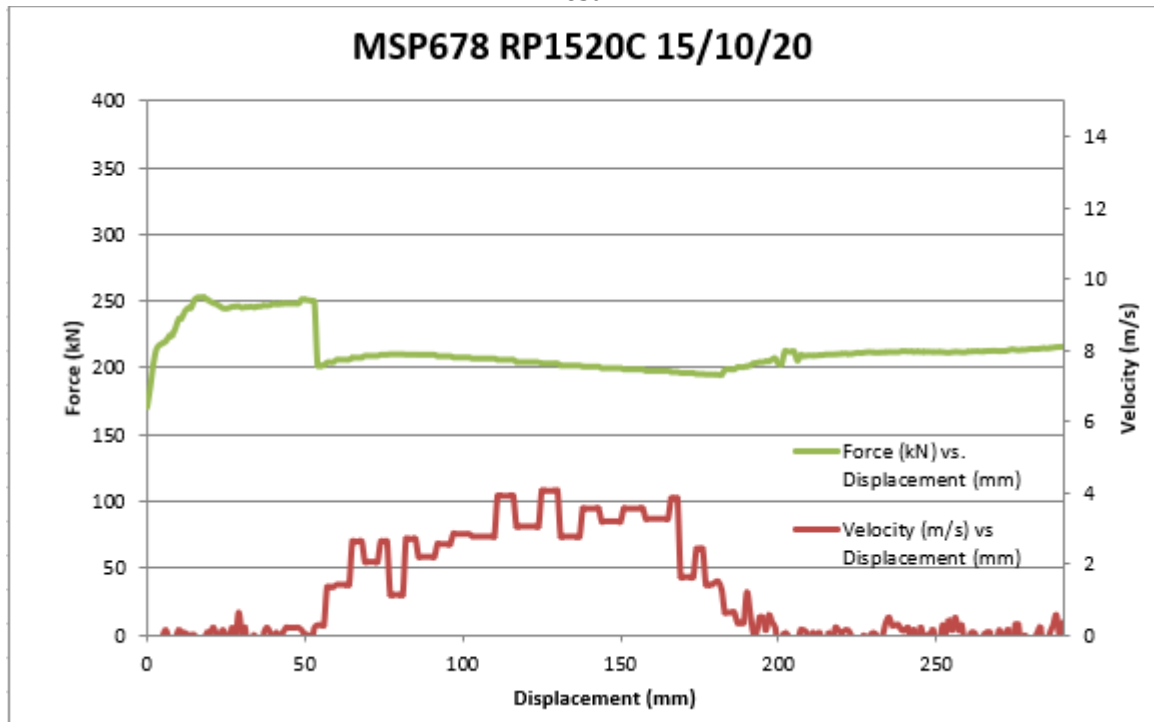
Specimen number	Cone specs	Hardness of cone
MSP678	11.0	37
MSP679	10.9	36
MSP680	10.9	33
MSP681	11.0	38
MSP682	10.8	35

Picture before test

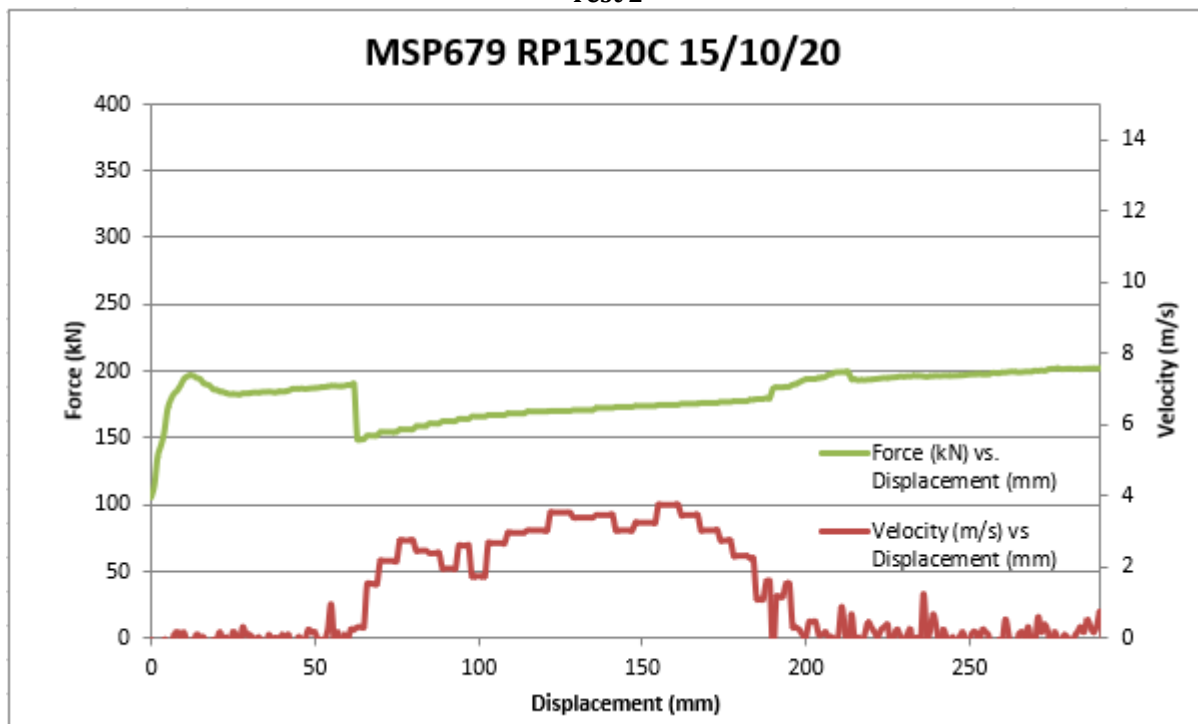


Figure 1: MK3 before dynamic test

Test 1

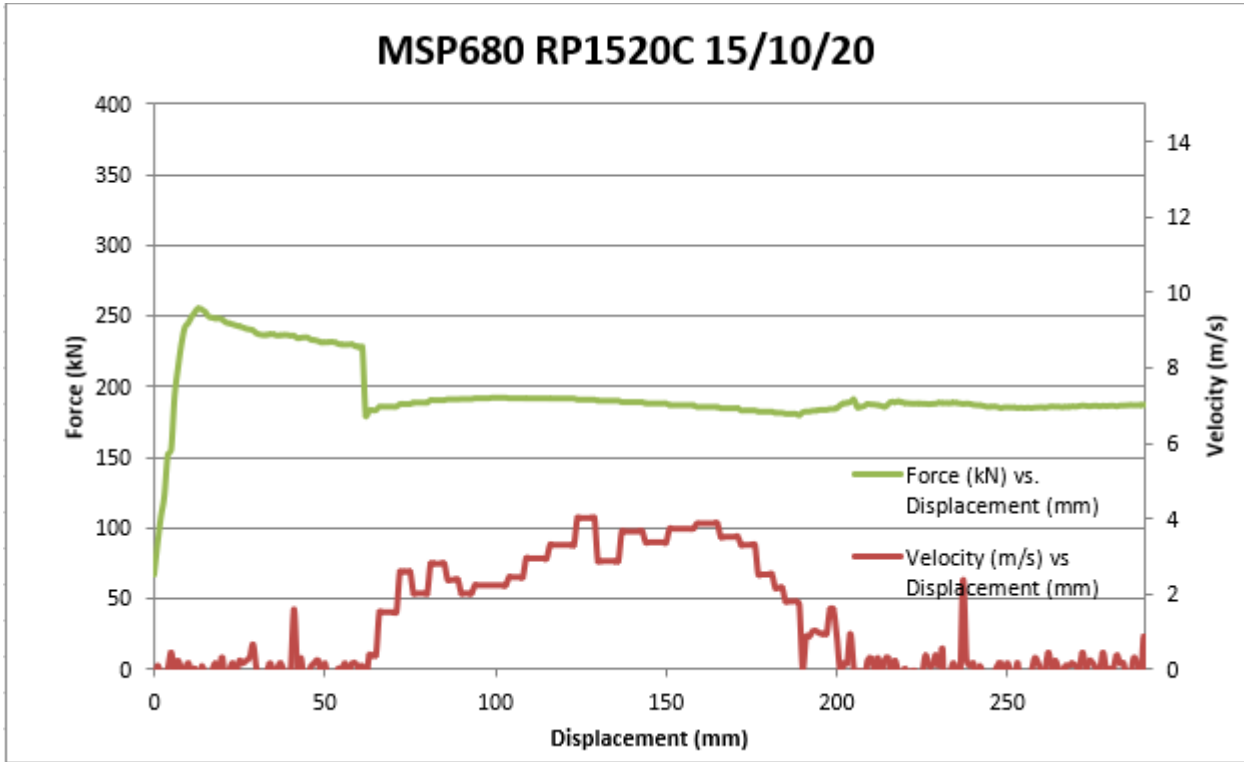


Test 2



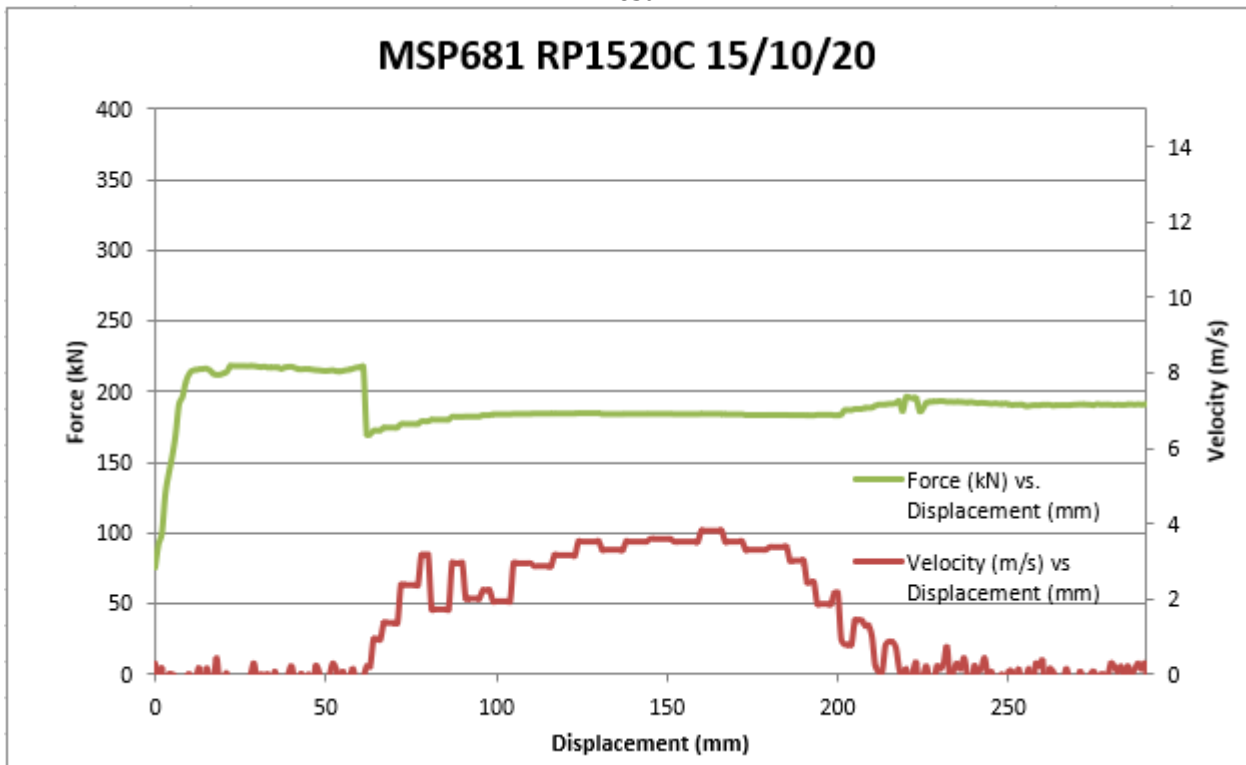
Test 3

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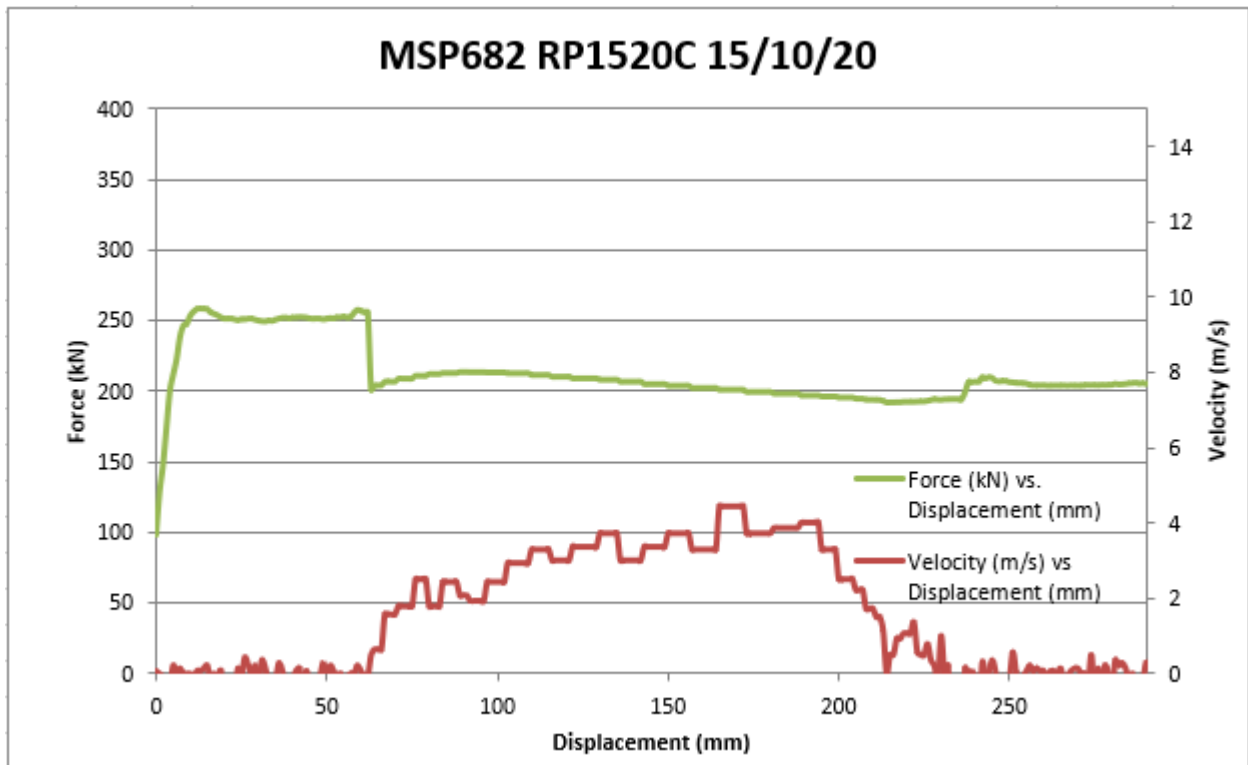


Test 4

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Test 5

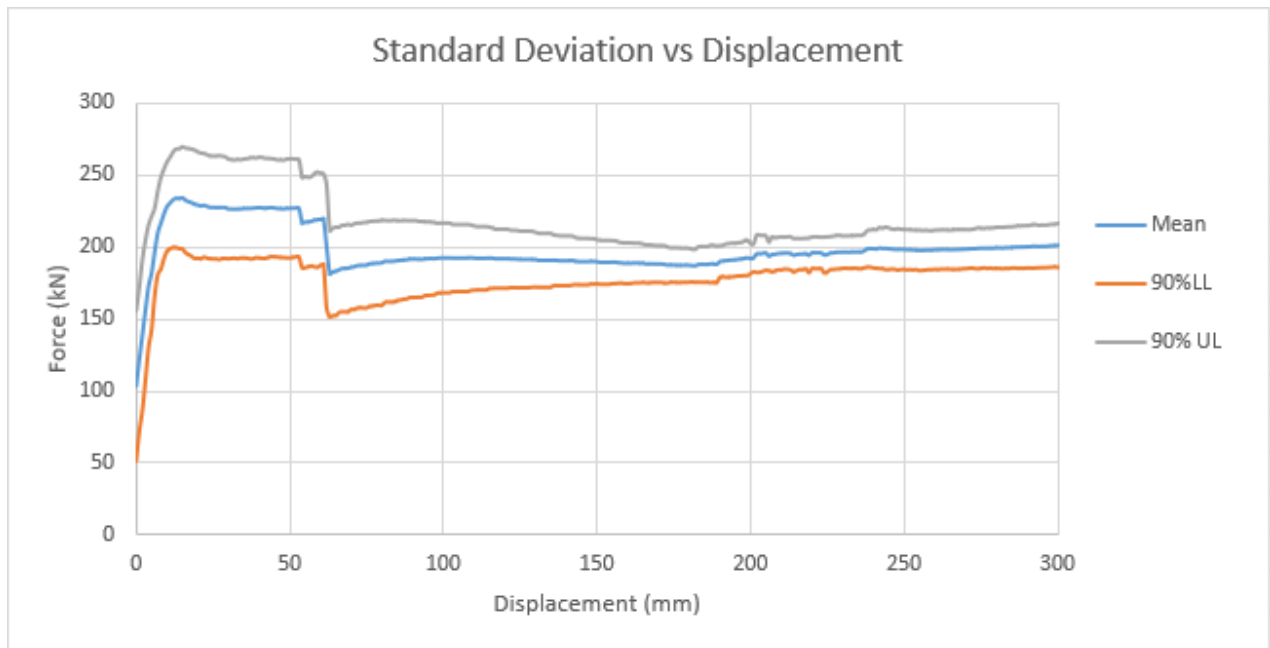


Picture after test



Figure 2: MK3 after dynamic testing

### Summary of tests



### Conclusion

As stated in above document the individual components of the product/products were measured and checked to see if they were to specifications the complete product was subjected to compression testing in according to testing procedures. The products tested conformed to the original specifications.

Testing Officer .....R.Smith

R&D Engineer .....C Nissen

Only the original signed report must be  
Regarded as the official document.