# Testing the Forces Required by the Exoskeleton

## Friday, 26 October 2018

### Objective

The aim of this test is to measure and record the force (N) required to lift the arm of the exoskeleton to a particular angle.

### Method

1. Connect the force-gauge/newton-metre directly in line with the pulling force.
2. Set the force-gauge/newton-metre to track mode.
3. Gradually increase the pulling force and record the force and arm angle at a constant interval.

### Safety Notes

1. Wear an eye-protector before performing this test.
2. Make a note of the potential pinch-points in the exoskeleton and avoid them.

### Record Information below

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| Arm Angle (degree) | Force (Newton) |
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