Lab Exercise 3
Rim Diameters and Profiles

Before you are a number of rim sherds. Please do the following for each sherd:

* Estimate the diameter of the rim using the template. Also using the template, estimate the percentage of the circumference represented by each rim.

* Estimate the diameter of the rim using the dial indicator. (If the dial indicator is unavailable, you can skip this step.)

* Draw a rim profile at a scale of 1:1. (Try different methods on different sherds: draw some using the profile gauge and calipers, and others using your eyeball and calipers.)

After collecting these measurements and drawing the profiles, please answer the following questions:

* Present your rim-diameter measurements in a table. How do the diameter estimates made with the dial indicator compare to the ones derived from the template? Briefly, what are the advantages and disadvantages of each technique?

* Briefly, how does each profile-drawing method work for you? Which do you find easier?

[For the purposes of this exercise, measure and draw as many rims as you can in the time available.]