## Type of Incident
Fingers caught in nip points of an etching press

## Date Occurred
18th April 2005

## WHAT HAPPENED
A student sustained crushing injuries to the tips of two of her fingers when they got caught between the moving table of an etching press and a revolving roller.

At the time of the incident the press was manually operated by turning the large wheel which caused the table to move horizontally over the guiding roller. The torque is such that it takes considerable movement of the wheel to move the table forward.

There was a similar guiding roller on the opposite side of the etching press.

The space between the table and roller is the unguarded nip point.

## The Press BEFORE
![Image of the press before modification]

## The Press NOW
![Image of the press after modification]

## WERE THERE ANY INJURIES
The tips of two fingers were crushed

## Most Likely Cause
The etching press had unguarded nip points

## Corrective Action
- The Engineering solution involved removing the bottom guiding rollers of the large press and replacing them with guarded roller bearings. In addition a locking device has been fitted to the Operating Wheel.
- All users (staff or students) are now required to produce evidence of competency in order to gain access to the press.
- The SOP was updated to reflect these latest engineering and authorisation controls.
- Risk Assessments were conducted for each of the other presses in the area with engineering controls implemented via a staged approach.