





Type of Incident	Fingers caught in nip points of an etching press
Date Occurred	18 th April 2005
WHAT HAPPENED	<p>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.</p> <p>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.</p> <p>There was a similar guiding roller on the opposite side of the etching press.</p> <p>The space between the table and roller is the unguarded nip point.</p>
<p>The Press BEFORE</p> 	<p>The Press NOW</p> 
WERE THERE ANY INJURIES	The tips of two fingers were crushed
Most Likely Cause	The etching press had unguarded nip points
Corrective Action	<ul style="list-style-type: none"> • 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.