



Investigation and Corrective Action

Standard Investigation Report

Incident ID: 122071 (Employee Report)

Incident Information

Incident Details		
Incident Title: Vantage experiment code violations		
Date: May 30, 2018	Time: 11:00 AM	Building: OK - EME - Engineering /Management/Education
Description of Incident Location: teaching lab		
Accident Type: Other	Injury Type: No Injuries	
<p>Describe fully what happened before, during, and after the incident (please do not include names or personal information):</p> <p>Multiple safety concerns regarding lab project for Vantage. May 30th it was noticed a class 2 transformer outputting 24VAC powering a regular electrical box with standard plugs. This electrical box is used to provide 24VAC to an electrical device using a regular nema 5 plug. THE concern is there is nothing preventing someone from putting the male nema 5 plug into a 120V source. June 12th. Using a male nema 5 plug with ground removed. Using a nema 1 plug to power a switch with open electrical connections. Nothing preventing accidental contact with leads which would cause electrocution. June 20th. hair dryer element installed in 3D printed holder. Three types of 3D printed material is used for this application. Unsure if any were tested for fire rating or if they would melt due to heat produced from the element. possible fire hazard.</p>		