



Investigation and Corrective Action

Standard Investigation Report

Incident ID: 122070 (Employee Report)

Incident Information

Incident Details		
Incident Title: Vantage Lab stop work order		
Date: Jun 25, 2018	Time: 3:30 PM	Building: OK - EME - Engineering /Management/Education
Description of Incident Location: EME 2220 (2223 for previous incidents)		
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>For technical support of Vantage, the technicians were told to take a back seat and only provide support when requested by TAs. Training and expectations were provided for TAs and TAs were fully aware of the safety requirements for the labs. Since the start of Vantage, there are many students working in the lab with shorts, sandals, no eye protection when working with drill presses, band saws, pan brakes, as well as food and drink being consumed in the lab next to solder stations (with chemicals), 3D printers and other hand tools, and students working alone unsupervised. Verbal warnings were given each day by anyone who briefly went to check on the lab. Near the beginning of June I began documenting the substandard acts (mostly related to formation of hazardous conditions) while giving verbal warnings and correcting things like shorts, safety glasses on the spot. Every day I was asking people to put on their PPE, not eat or drink in the labs or get out because of improper attire. For this incident a technician corrected a situation of non-compliance and reported it to me. I went to check and noticed 4 people working with a drill press, only 2 had safety glasses on, 2 people working with a heating element for bending plastics not wearing safety glasses, 2 people actively drinking with several other beverage and food containers on the benches near chemicals, and 2 people wearing shorts. At that point I asked everyone to pack their things up and leave the space based on non-compliance with safety protocols.</p>		

Accident Investigation

Task Related Causes	
<input checked="" type="checkbox"/> Procedures Not Followed	



Environment Related Causes

No "Environment" causes

Equipment Related Causes

No "Equipment" causes

Organizational Related Root Causes

Poor Communication

Job / skill training inadequate

Standard Operating Procedures not available/inadequate

Human Related Root Causes

No "Human" related causes

Root cause

Incorporating the above factors, determine and describe the root cause of the incident or accident:

substandard understanding of roles and responsibilities for TAs, substandard supervision TAs uncomfortable enforcing safety rules training insufficient for students lack of safety oversight in teaching labs

Corrective Actions

Corrective Action to prevent recurrence of similar incidents (1)

Corrective Action Identified:

Meeting with Director, instructor, TAs, lab safety lead to discuss what is required for lab safety. Proposed changes the way students enter the lab. proposed increased punitive measures to students who don't comply with safety. Lab safety lead did a presentation to the students to reinforce safety requirements. TAs to be proactive with safety in lab

Assigned to (name):

David Zinz, Ernest Goh

Job title:

Lab safety lead, instructor

Final Actions Taken:

punitive measures increased. Safety talk conducted, TAs understand their responsibilities, students know their responsibilities,

Date to be Completed:

2018-06-29

Date Completed: