 **Supervisor’s Accident/Near-Miss Investigation**

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| **Employee’s Name:**  Mohammad Hosseini | | | **Job Title**:  Research Graduate Assistant | |
| **Time employee has been in current position?**  1-3 Years | | **How long had employee been at work prior to injury?**  2-3 Hours | | **Incident Date:** |
| **Incident Time:**  10:00 AM ☐ **AM** ☐ **PM** | **Overtime:**   * **Yes** ☐ **No** | | **Incident Location: *(Be Specific)*** | |
| **Description of Events *(Please allow employee(s) involved in incident to describe it in their own words.)*:**  A gas cylinder was being moved with in the storage cages, for cylinders) at the loading dock at the rear of the Flex Lab Building. The grad student was  grabbing the cap portion of the cylinder pulling it off center to twist and turn to move it from its location, with in the cage, to gain access to his tank at the rear of the cage. The tank then slipped and fell to the ground and the cap became disconnected from the tank/cylinder. The tank did not strike the student. | | | | |
| **In the injured employee’s opinion, how could the injury have been prevented?**  The student was not injured. | | | | |
| **Description of Injuries:**  N/A | | | | |

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| **Was it unsafe acts that contributed to this incident?**   * Yes ☐ No   **If “Yes”, check all that apply below.** | | **Were unsafe conditions that contributed to this incident?**   * Yes ☐ No   **If “Yes”, check all that apply below.** | |
| * Lack of training or skill * Lack of written procedure * Inadequate Procedure * Failure to anticipate * Disabled safety devices * Rushing | * Failure to lockout * Horseplay * Unsafe lifting * Improper dress * Poor housekeeping * Distracted | * Inadequate guarding * Unsafe equipment * Defective equipment or tools * Improper lighting * Improper ventilation * Unsafe position/Ergonomic Issue * Weather Conditions Snow and Ice * Uneven walking surface * Slippery walking surface * Noise * Other: The threads on the tank and in the cap were worn, or oversized/undersized so correct engagement between the   cap and the tank was not possible. This tank-cap combination should never have been shipped to anyone. | |
| * Operating at unsafe speeds * Operating without proper authority * Working on moving equipment * Failure to use available equipment/tools * Improper personal protective equipment (PPE) * Other: | |
| **Have there been similar incidents or near misses prior to this?**   * Yes ☐ No **If “Yes”, Explain:** | | | |
| **To Help Determine Root Cause, Please Complete the Following “Cause and Effect Ishikawa Fishbone”:**  People Machine  Student was handling the N/A tank in a safe and normal  manner  Problem/Effect  Incompatible threads that do not hold the cap securely...cap falls off!  The process of grabbing the threads on the cap or Nothing to consider as a the cap which should be on the tank are of in correct problem  secured by threads is a size not compatible with  normal safe practice as the each other they do not  threads are to hold the cap secure the  Process Materials Environment | | | |
| **Root Cause:**  Threads are not correct size compatible between the tank and the cap so the cap is not secured and cannot be considered useful in the state/condition. | | | |
| **Recommended Corrective Action:**  The suppling company has been made aware of the issue, and the tank has been returned as unuseable. | | | |
| **Person Completing Form:**  Reid Schmidt - Building Deputy | | | **Target Completion Date:**  April 2, 2021 |
| **Responsible Party for Action:**  Supplier - Indiana Oxygen was made aware of the issue | | | **Date Complete:**  April 2, 2021 |

**Email completed from to** [**froi@purdue.edu.**](mailto:froi@purdue.edu)