



Corrective & Preventive Action Report

Reference Number: CLSG 01 - 20082024

D1. Planning

Start Date: 2024-08-20

Estimated Completion: 2024-08-20

Incident Location: AFD Tampines industrial Ave 3

Machine ID: ELAC00 Unit C-3-5

D2. Establish The Team

Role: Team Leader

Name: Nagarajan Munusamy

Job Title: Ops Section Manager

Role: Team Member

Name: Hoque Mozammel

Job Title: Mover

Role: Team Member

Name: Ruben Shankar

Job Title: Safety Coordinator

Role: Team Member

Name: Monirul Late Abdul Aziz

Job Title: Supervisor

Role: Team Member

Name: Xiang Chun Yang

Job Title: Supervisor

D3. Describe the Problem / Incident

On Tuesday, 20 August 2024 at approximately 10:10 a.m., Monirul, Chun Yang, Ali, and Hoque working in a buddy system, were moving the ELAC00 Unit C-3-5 machine (approximately 1.5 tons) on the 1F subfloor using a metal trolley. Monirul and Chun Yang were pulling the machine from the front while Ali and Hoque were pushing from the back. When the trolley wheels got stuck to the floor, Ali and Hoque pushed harder while Monirul tried to adjust the trolley's position with his hand near the edge of the machine. As the machine began moving again, Monirul instructed them to stop since the trolley was still misaligned as he attempted to reposition it. However, Ali and Hoque did not hear the command clearly and continued to push from the back. This caused the front trolley to give way, causing the machine to slip toward Monirul. The last three fingers of his left hand were crushed by the machine, and the finger tips were amputated inside his gloves as he pulled his hand away. The workers immediately lifted the machine and secured it with wooden blocks to retrieve the gloves with the amputated finger tips.

At 10:17am, Senior Engineer Hau Boon Seng from ADT (AUO Digi Tech) called for an ambulance after being informed of the accident.

At 10:20am, ESH Lau Boon Chong from AFPD Pte Ltd received a phone call from Professional Manager Leon Lin from AFPD Pte Ltd and brought a first aid kit with ice packs to the scene.

Around 10:30am, an ambulance arrived and transported Monirul to CGH accompanied by Chasen Safety Coordinator Ruben.

At around 10:48am SPF arrived at incident scene (at AFPD) for investigation. No foul play was suspected.

At 1:20pm Monirul was being transferred to SGH for specialist treatment.

On 21st Aug at approximately 0500hrs, Monirul underwent surgery on his crushed fingers. He was subsequently discharged on the same day at 6.30pm and was given 90 Days hospitalization leave from 20th Aug 2024 to 17 Nov 2024.

Incident Photos:



D4. Containment / Immediate Action

Title: Chasen workers immediately lifted up the machine and secure with wooden blocks to retrieve the gloves with the amputated finger tips. The SCDF and Police were notified immediately.

Owner: EHS

Target Date: 2024-08-20

Close Date: 2024-08-20

D5. Identify the Root Cause

Man:

- Failed to place a rubber pad between the trolley and the machine to increase and Lack of concentration at work friction between the metal surfaces.

Method:

- NA

Machine:

- NA

Materials:

- NA

Environment:

- NA

D6. Corrective Actions

Action: Stop work and have a safety time out with all the employees.

Responsible Party: EHS

Expected Completion Date: 2024-08-20

Status/Remarks: closed

Action: Conduct safety training and enhance awareness

Responsible Party: EHS

Expected Completion Date: 2024-08-20

Status/Remarks: closed

Action: Metal trolleys are not to be used for big machineries and replaced it to `MRT Trolley

Responsible Party: Operations

Expected Completion Date: 2024-08-20

Status/Remarks: closed

Action: Educate employees on a different methodology on machine movement

Responsible Party: Operations/EHS

Expected Completion Date: 2024-08-20

Status/Remarks: closed

D7. Preventive Action Plan & Validate

Action: EHS personnel will conduct daily walkthroughs before the job starts

Responsible Party: EHS

Expected Completion Date: 2024-08-20

Status/Remarks: Closed

Action: Fatigue Management - Staggered breaks system

Responsible Party: Site Manager

Expected Completion Date: 2024-08-20

Status/Remarks: Closed

Action: Enhance the training in the handling and moving of heavy machinery on trolleys to all employees

Responsible Party: EHS

Expected Completion Date: 2024-08-30

Status/Remarks: Closed

Action: Ensure when every machine movement if there is a need to align the metal trolley, standing supervisor must be there with whistle to command all the movement

Responsible Party: EHS

Expected Completion Date: 2024-08-25

Status/Remarks: Closed

Action: To allocate individual storage with all the necessary tools every location of working area

Responsible Party: EHS

Expected Completion Date: 2024-08-25

Status/Remarks: Closed

Action: Review of the Risk Assessment and SWP

Responsible Party: EHS

Expected Completion Date: 2024-08-25

Status/Remarks: Closed

D8. Final Closure & Recognition

Name: RAHMAN MUHAMMAD

Designation: Safety

Company: CLSG

Date: 2025-01-03