

Type of Incident	Restricted Work Injury
Key Issues	<b>Incorrect manual lifting and transportation of heavy weighted material and ineffective work management.</b>
INX Incident No	133320
Date & Time	Saturday, 26 <sup>th</sup> August 2023, 7:00am
Location	Grinding SAG 2 - Trunnion (discharge end)
Injury	Partial amputation of left-hand 5 <sup>th</sup> finger distal phalanx

### Injury photographs



Before treatment

After treatment

### DESCRIPTION

During the SAG 2 Trunnion Liner changeout work (discharge end), two contractor employees started lifting the first liner of 51kg manually down a staircase. As they both lifted the liner, the IP moved first in a reversing position downwards from the operating floor to the lower operating floor (4 steps down). The lower operating floor is narrow and restrictive, thus they decided to rest the liner on the declining handrail. After adjusting their posture and trying to lift the liner again, the liner slipped, and they lost grip. The IP was at the bottom step and tried to control the liner whilst it was falling, and in the process injured his left-hand 5<sup>th</sup> digit finger when the liner contacted the floor grating.

### LESSONS

- All personnel to conduct appropriate risk assessments prior to manual handling tasks.
- Ensure use of appropriate Personnel Protective Equipment (PPE) for the task.
- An effective risk assessment and adequate controls must be done pertaining to lifting and moving the liners down the stairs.
- Mechanical aids such as the Overhead Travelling Crane must be used.
- There must be effective communication amongst workers, supervisors, and area leaders.
- Ensure supervision for all employees to the type of work being undertaken.

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## ACTIONS

- Manually lifting and transporting of trunnion liners in descending and ascending stairways is prohibited. Other mechanical aid should be used for movement of such weights.
- Communication and enforcement of emergent and or break-in work to be approved by respective Shutdown Manager and Area Maintenance Manager.
- Major shutdown pre-start meetings are to include all contractors' representatives following the leadership/handover shift meeting. Timings for all meetings are to be communicated and aligned.
- Area Supervisors are to mandatorily oversee and conduct safety briefings with Contractor Employees engaged in all shutdowns works.
- Ensure all contractors engaged in shutdown work to have quality and fit for purpose PPE for the specific job/task.
- Every shutdown briefing to include risk assessment tools (Take 5's, JSA's and SWP's) and manual handling awareness as mandatory.

**Joe Aufo**  
**Manager Processing Maintenance**

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