

## Investigation Report - (Investigation UID - IR/TTK/SII/25/00021)

### Investigation Information

Investigation UID	IR/TTK/SII/25/00021	Investigation Category	Injury - Hospitalization Investigation Report
Investigation Status	Final Report Released	Created On	07-Oct-2025 11:46:19 AM
Approver Names	sephali k kumari, Sayan Mondal, Lalit Aditya Kola		

### Incident Information

Incident UID	IMF/TTK/CO/IAP/25/00037	Incident Category	Injury-same as prod-don't delete
Site Name	Coimbatore	Department Name	Maintenance
Incident Status	FinalReportReleased	Created On	07-Oct-2025 11:21:10 AM
Reported By	Lalit Aditya Kola		

### Sections

Immediate Action Taken: (Reference from FIR)	<p>Immediately turned off power to the heat-sealing machine..</p> <p>Provided first aid at OHC – burn ointment applied, wound cooled with running water, and bandaged..</p> <p>Area cordoned off to prevent others from touching the hot machine surface..</p> <p>Warning signage "HOT SURFACE – DO NOT TOUCH" displayed near the equipment..</p> <p>Operator briefed on safe shutdown and lockout procedure.</p>
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### Occurrence:- Repetitive/New

If Repetitive, Last date of incident: NA	Plant: Packaging Area	Department: Dept 1	Line: Heat-Sealing Machine Line 3
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### Root Cause Analysis

S.No	Why	Root Cause:: Inadequate identification of residual heat hazards.. Missing visual indicators or warnings on hot equipment.. Lack of training on cooldown safety and machine isolation.
1	Why did the operator sustain a burn?	
2	Why was the surface still hot?	

### Preventive Action

S.No	Action	Responsibility	Target date for completion
1	Install temperature indicator / warning label on sealing plate	Maintenance Supervisor	2025-10-10
2	Include "Cool Down Before Touch" in LOTO (Lockout-Tagout) checklist	EHS Head	2025-10-12
3	Conduct toolbox talk on burn prevention and residual heat hazards	Site EHS	2025-10-15

### Reviews and Learning

<p><b>Documents Revised Based on CAPA:</b> Preventive Maintenance SOP (Rev. 2.3): Updated with "Residual Heat Verification Step"..</p> <p>Lockout-Tagout (LOTO) Checklist: Added "Cool-down Confirmation" section..</p> <p>Machine Safety Signage Register: New signage entries added for heat-sealing units.</p>	<p><b>Lessons Learned:</b> Even after shutdown, latent hazards such as heat can cause injury — ensure "zero energy state" before physical contact..</p> <p>Always verify OEM recommendations and adapt them to site safety standards..</p> <p>Ensure visual warnings and indicators (like temperature gauges) are installed on all equipment with heat or energy retention..</p> <p>Post-incident communication helps build awareness and prevents recurrence.</p>
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