

HANFORD LESSONS LEARNED/OPERATING EXPERIENCE

Just-In-Time Report

2010-RL-HNF-0029

TN: 2093

Loose Seams & Cuts Identified in PAPR Soft Hoods

Date: May 13, 2010

Contractor: CH2MHILL Plateau Remediation Company

Several Mine Safety Appliance© (MSA) OptimAir TL Soft Hood PAPR's have been discovered with loose seam lines and significant splits in the Tyvek® hood material. In addition, small cuts have been observed on the back panels of the hood. According to the manufacturer, the cuts are a result of friction caused by the hose clamp bolt and material rubbing against each other and appear to have occurred during transport of the product.



Important Points:

- **The loose seam lines are primarily located in the left or right corner where the upper side piece and back lower piece are sewn together.**
- **The small cuts were discovered on the back panels of the hoods.**
- **MSA© has been contacted and the defective hoods have been sent back to the manufacturer.**

Contributors:

- **Friction between the hose clamp bolt and hood material during transport.**

JIT-LL bulletins are prepared based upon preliminary information in order to rapidly communicate important safety related information in the interest of preventing similar events. This bulletin may be revised or a lessons learned may be issued upon receipt of additional information resulting from related event investigations and/or accident reports. Questions? Send Email to ^Hanford Lessons Learned

Other Important Considerations - Prevent Events

Managers/Supervisors	Workers
<ul style="list-style-type: none">• Brief employees on this report to alert them to the risk of material/equipment.• Ensure Respirators are inspected prior to use in the field.	<ul style="list-style-type: none">• If a cut, tear or loose seam is observed, contact your project Respiratory Protection Subject Matter Expert, Industrial Hygienist or Respiratory Protection Program administrator.