

SAFE WORK PROCEDURES

Leistering/Heat Tacking

Facility: Field	Written By: Kevin Donnelly	Approved By: Kevin Donnelly	Date Created: May 15, 2009	Date of Last Revision: May 15, 2009
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Hazards Present:	Personal Protective Equipment (PPE) or Devices Required:	Additional Training Requirements:
<ul style="list-style-type: none"> • Burns • Electric shock • Damage to liner • Fire/Melting 	<ul style="list-style-type: none"> • Safety Footwear • Gloves 	<ul style="list-style-type: none"> • In house training

Safe Work Procedures:

1. Put on appropriate PPE.
2. Inspect the extension cord.
3. Plug extension cord into generator and the grinder into the extension cord.
4. Turn on the power switch.
5. Set temperature dial to appropriate setting for material and ambient temperature.
6. Wait for full temperature to be reached before commencing work.
7. Place hot tip of Leister between two overlapped surfaces (min. 2-3 inches in from leading edge).
8. Slowly pull Leister back out from between the overlap while applying top pressure to the surface just beyond the Leister tip.
9. Pressure can be applied with a roller, the butt end of an approved knife, gloved fingers or thumb, or any implement that a qualified used deems suitable.
10. One the Leister has been removed from the overlapped seam, a heat tack should be achieved. If not it may be necessary to increase heat, or slow down the drawing out motion.
11. Slide hot tip back into overlapped seam, butting up to the left or right of the heat tacked area.
12. Once again draw the hot tip out while applying top pressure, effectively widening the heat tacked area.
13. Continue this process as many times as is necessary to complete a heat tack around the entire circumference of a patch or the entire length of the seam you may be working on.
14. Upon completion of job, turn temperature dial to "0", and allow the air stream to cool to ambient temperature.
15. Turn off power.
16. Wrap up cord.
17. Return unit to Leister/Grinder Kit.

Guidance Documents/Standards/Applicable Legislation/Other:

Guidance Documents:

- Operators Manual
- Manitoba Workplace Safety and Health Regulation, M.R. 217/2006:**
- 2.1 Safe Work Procedure
 - 6.1 Personal Protective Equipment
 - 8 Musculoskeletal Injuries - MSI
 - 16.4 Machine and Tool Safety

This Safe Work Procedure will be reviewed any time the task, equipment, or materials change and at a minimum every three years.

LEISTER

Temperature Controller

Power Switch

Hot Air Tip

