Fabric Welding Safety and Best Practices

Truy ‘Tree’ Pham
Basics of Fabric Welding

• Welding or Heat Sealing
• Heat, Speed, Pressure
• Material will break before Seam
• Bonding Tapes for Acrylics
• Welds any thermoplastic
Machine Safety

- Heating elements
- Pinch points
- Machine Mounting
- Table Fences
Ergonomics

- Sit vs. Stand
- Adjust seat height and back
- Anti-Fatigue Mat for standers
Scheduled Maintenance

- Clean Air Lines
- Hot Wedge Life
- Chains, Pulleys, & Universals
- Tensioners
- Rollers
Tables and Material handling

- Low Friction Tables
- Positive Air
- Bridge around operator
Table Setup
Heat, Speed, and Pressure

- Proper Settings = Proper Bond
- Different materials = Different Settings
- Test materials weekly to configure equipment
Continuing Education

- Diversify your company
- Training videos
- Quarterly training
- New Employees