

Attachment E4
Set-up Control Log Matrix for Forming Machine

| SET-UP CONTROL LOG MATRIX FOR FORMING MACHINE | | | Revision: 2 | |
|--|---|-------------------------------|-----------------------------------|--------------|
| INPUT VARIABLE | | | PLATFORM (FORMING MACHINE) | |
| Item | Items To Check | Frequency | HOPE SEIKI | HEPCO |
| 1 | Housekeeping/Grounding Check | Start of shift | ✓ | ✓ |
| 2 | Air Ionizer Blower | Start of shift | ✓ | ✓ |
| 3 | CDA Leakage Monitoring | Start of shift | ✓ | ✓ |
| 4 | Flow Setup | Start of shift / Every set-up | N/A | ✓ |
| 5 | Puncher Cleaning and Alignment | Start of shift / Every set-up | ✓ | N/A |
| 6 | Heat Activated Sealing Tape Guide | Every Set-up | ✓ | N/A |
| 7 | Rubber Gripper | Every Set-up | ✓ | N/A |
| 8 | Alignment of Tool A and Tool B | Every Set-up | N/A | ✓ |
| 9 | 5 units Go no Go Setup Verifier / / Lead Form Measurement Buy-off | Every Lot | ✓ | ✓ |
| 10 | Empty Pocket "Auto RUN" | Every Lot | ✓ | N/A |
| 11 | Bowl Feeder "ON" | Every Lot | ✓ | N/A |
| 12 | Parts Feeder "ON" | Every Lot | ✓ | N/A |
| 13 | Photo Sensor "ON" | Every Lot | ✓ | N/A |
| 14 | Output Type (AMMO Pak / Tape and Reel) | Every Lot | ✓ | N/A |

