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| **Department** | **Machine/Equipment Type** | **Action required** |
| **Maintenance** | **Bench Lathe** | **No** |
| **Maintenance** | **Drill Press** | **No** |
| **Maintenance** | **DeWalt Chop Saw** | **No** |
| **Maintenance** | **4.5” Flex Angle Grinder** | **No** |
| **Maintenance** | **4.5” Dewalt Grinder** | **No** |
| **Maintenance** | **Portable Kobalt Table Saw** | **No** |
| **Maintenance** | **Central Hydraulics 20 TON Hydraulic Bottle Jack** | **No** |
| **Line #1&#2** | **Remaster** | **No** |
| **Line #1** | **Breakout** | **No** |
| **Line #1** | **Manual Seamer** | **No** |
| **Line #1** | **Washer** | **No** |
| **Line #1** | **Furnace** | **Yes** |
| **Line #1** | **Quench** | **Yes** |
| **Line #1** | **Offload** | **Yes** |
| **Line #1** | **Blower Room** | **Yes** |
| **Line #1** | **Dust Collector** | **No** |
| **Line #3** | **Breakout** | **Yes** |
| **Line #3** | **Manual Seamer** | **No** |
| **Line #3** | **O’Seam** | **No** |
| **Line #3** | **AG Conveyor** | **No** |
| **Line #3** | **Washer** | **No** |
| **Line #3** | **Furnace** | **Yes** |
| **Line #3** | **Quench** | **Yes** |
| **Line #3** | **Offload** | **No** |
| **Line #3** | **Blower Room** | **Yes** |
| **Line #3** | **Dust Collector** | **No** |
| **Lami** | **Lami Cutter** | **No** |

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| Machine Name/Department | **Bench Lathe / Maintenance** |
| Existing Safeguards | **Point of operation guard, safety E-stop cable** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine Hazard |  |
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| Machine Name/Department | **Drill Press / Maintenance** |
| Existing Safeguards | **Point Of Operation Cover** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Dewalt Chop Saw / Maintenance** |
| Existing Safeguards | **Manufacturer Installed Guards** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Flex 4.5” Angle Grinder / Maintenance** |
| Existing Safeguards | **Manufacturer Installed Grinder Guard** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Dewalt 4.5” Grinder / Maintenance** |
| Existing Safeguards | **Manufacturer Installed Grinder Guard** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Kobalt Table Saw / Maintenance** |
| Existing Safeguards | **Manufacturer Installed Guards** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Central Hydraulics 20 Ton Bottle Jack / Maintenance** |
| Existing Safeguards | **None Noted** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendation** |
| Machine/Hazard |  |
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| Machine Name/Department | **Re-Master** |
| Existing Safeguards | **Door Interlocks, Protective Barriers/ Glass walls** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendation** |
| Machine/Hazard | Door Interlock/Protective Barrier |
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| Machine Name/Department | **Line #1 Breakout** |
| Existing Safeguards | **Emergency E-Stops, Safety Cable** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendation** |
| Machine/Hazard | E-stop/Safety cable/Conveyor guarding |
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| Machine Name/Department | **Line #1 Seamer** |
| Existing Safeguards | **Emergency E-Stop, Guarding, Guard rail** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **Ensure Guarding Remains In Place** |
| Machine/Hazard | Machine Guarding/E-stops |
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| Machine Name/Department | **Line #1 Washer** |
| Existing Safeguards | **Guarding Covering Pulleys, Emergency Stop** |
| Risk/Observations | **None Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Machine Guarding/E-Stop |
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| Machine Name/Department | **Line #1 Furnace** |
| Existing Safeguards | **Side Guards and glass walls Covering Mechanical Motion** |
| Risk/Observations | **Short side guards ( can reach from underneath)**  **Part of guard doesn’t match the rest and has sharp edges close to the washer.** |
| Recommendation(s) | **Side Guards covering rotating parts need to be extended down to help protect from the possibility of reaching underneath and getting caught in the shaft.**  **Also need to replace small section of guarding that doesn’t match the rest and has sharp edges close to the washer.** |
| Machine/Hazard | Machine Guarding |
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| Machine/Department | **Line #1 Quench** |
| Existing Safeguards | **Guarding Covering Pulleys & Belts, Emergency Stop** |
| Risk/Observations | **Part of guarding where glass walls meet yellow quench guards are bent.** |
| Recommendation(s) | **Replace section of bent guards with new more sturdy section of guards** |
| Machine/Hazard | Machine Guarding/E-Stop |
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| Machine Name/Department | **Line #1 Offload** |
| Existing Safeguards | **Guarding, Emergency Stop, Push Button** |
| Risk/Observations | **Short side guards, can reach underneath it and grab rotating shaft.** |
| Recommendation(s) | **Extend side guards down so shaft can not be reached.** |
| Machine/Hazard | Machine Guarding/E-Stop/Push Button |
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| Machine Name/Department | **Line #1 Blower Room** |
| Existing Safeguards | **Machine Guarding** |
| Risk/Observations | **Exposed Hydraulic Lifting Arms** |
| Recommendation(s) | **Apply some type of machine guarding to cover Hydraulic lifting arms.** |
| Machine/Hazard | Machine Guarding/E-Stop/Push Button |
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| Machine Name/Department | **Line #1 Dust Collector** |
| Existing Safeguards | **Manufacturer Installed Guards** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Manufacturer Machine Guarding |
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| Machine Name/Department | **Line #3 Breakout** |
| Existing Safeguards | **Emergency Stop, Safety E-stop Cable, Door Interlocks, Glass walls** |
| Risk/Observations | **Worn ergonomic roller wheel** |
| Recommendation(s) | **Replace wheel so there will be less chance of glass breaking on contact.** |
| Machine/Hazard | E-Stop/Safety Cables/Door interlock/Glass walls |
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| Machine Name/Department | **Line #3 Seamer** |
| Existing Safeguards | **Machine Guarding & Emergency Stop** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Machine Guarding/E-Stop |
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| Machine Name/Department | **Line #3 Oseam / Conveyor** |
| Existing Safeguards | **Machine Guarding, Protective Barriers, Door Interlocks, E-stops** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Guarding/E-stops/Door interlocks/Glass walls |
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| Machine Name/Department | **Line #3 AG Conveyor** |
| Existing Safeguards | **Machine Guarding, Protective Barriers, Door Interlocks, E-stop, E-stop safety cable** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Guarding/E-stop/Safety Cable/Glass walls/Interlocks |
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| Machine Name/Department | **Line #3 Washer** |
| Existing Safeguards | **Machine Guarding & Emergency Stop** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | Machine Guarding/E-Stop |
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| Machine Name/Department | **Line #3 Furnace** |
| Existing Safeguards | **Machine Guarding, Emergency Stop** |
| Risk/Observations | **Pinch Points at furnace entrance** |
| Recommendation(s) | **Possibly get some type of machine guarding for the furnace entrance** |
| Machine/Hazard | Machine Guarding/E-Stop |
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| Machine Name/Department | **Line #3 Quench** |
| Existing Safeguards | **Machine Guarding, E-stop** |
| Risk/Observations | **Exposed hydraulic shaft** |
| Recommendation(s) | **Apply some type of guarding to protect pinch point while quench is being raised and lowered.** |
| Machine/Hazard | Machine Guarding |
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| Machine Name/Department | **Line #3 Offload** |
| Existing Safeguards | **Emergency Stop, Machine Guarding** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard | E-Stop |
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| Machine Name/Department | **Line #3 Blower Room** |
| Existing Safeguards | **Machine Guarding** |
| Risk/Observations | **Exposed Hydraulic Lifting Arms** |
| Recommendation(s) | **Apply some type of machine guarding to cover Hydraulic lifting arms.**  **Or possibly restrict entry to blower room to authorized employees (Maintenance) only.** |
| Machine/Hazard |  |
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| Machine Name/Department | **Line #3 Dust Collector ( Manual and O’seam)** |
| Existing Safeguards | **Manufacturer Installed Guarding** |
| Risk/Observations | **No Deficiencies Noted** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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| Machine Name/Department | **Lami Cutter** |
| Existing Safeguards | **Emergency Stop/Foot Pedal/Guarding** |
| Risk/Observations | **No Deficiencies Observed** |
| Recommendation(s) | **No Formal Recommendations** |
| Machine/Hazard |  |
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