



JOB SAFETY ANALYSIS

JSA DETAILS

| | | | | | | |
|-------------------------|---------------------|--------------------|------------------|---------------|------------------|-----------------------------|
| Job Description: | Operate Pad Chopper | | Facility: | Hastings Site | Division: | Packaging Division |
| Date: | 01/06/20## | Department: | Padding | | Location: | 123 Safety Street, Hastings |

RISK SCORING

LIKELIHOOD

| CONSEQUENCE SEVERITY | | Highly Unlikely | Unlikely | Possible | Likely | Almost Certain |
|----------------------|---------------|-----------------|----------|----------|--------|----------------|
| | Major | H 18 | H 19 | E 23 | E 24 | E 25 |
| | Significant | M 13 | H 16 | H 17 | E 21 | E 22 |
| | Moderate | L 6 | M 11 | M 12 | H 15 | E 20 |
| | Minor | L 4 | L 5 | M 9 | M 10 | H 14 |
| | Insignificant | L 1 | L 2 | L 3 | M 7 | M 8 |

Likelihood Table

| Level | Description |
|-----------------|---|
| Highly Unlikely | May occur only in exceptional circumstances, chances less than 0.1% per year |
| Unlikely | May occur in the industry, local chances more than 0.1% but less than 1% per year |
| Possible | Has occurred in the industry, local chances more than 1% but less than 10% per year |
| Likely | Has occurred locally, chances more than 10% but less than 50% per year |
| Almost Certain | Known issue, is expected to occur more than 50% of the time |

Consequence Table

| Level | Description |
|---------------|---------------------------------------|
| Major | Fatality or multiple fatalities |
| Significant | Debilitating, loss of quality of life |
| Moderate | Restricted work or lost time |
| Minor | Medical treatment |
| Insignificant | Discomfort or first aid treatment |

JSA SIGN OFF

Where residual risk score cannot be reduced to low the escalations listed below must be enacted.

| | |
|-----------------------------|-------------------|
| Escalated by (Name): | Signature: |
|-----------------------------|-------------------|

| L (LOW RISK) | M (MEDIUM RISK) | H (HIGH RISK) | E (EXTREME RISK) |
|---------------------------------------|-------------------------------|---------------------------------------|--|
| Proceed with agreed controls in place | Escalation to Site Supervisor | Escalation to Area/Department Manager | Escalation to EMT Representative / STOP WORK (As per your company policies) |
| | Site Supervisor: | Department Manager: D Gallop | EMT Member Consulted: |
| | Date: | Date: 01/06/20## | Date: |



JOB SAFETY ANALYSIS

| JOB STEP | | POTENTIAL RISK | INITIAL RISK | | | REQUIRED RISK CONTROLS | RESIDUAL RISK | | |
|----------|---|--|--------------|-------------|------------|--|-----------------|-------------|------------|
| Step No. | List job steps in the sequence they are carried out. | List the potential risks for the job step. | Likelihood | Severity | Risk Score | List the controls required to eliminate or minimise the risk. | Likelihood | Severity | Risk Score |
| 1 | Start the machine | Noise (78-83 dB avg. at operator position) Proximity to cutting machinery parts | Possible | Significant | H17 | CLASS 4 hearing protection (M) Adjustable interlocked guarding on in-feed and out-feed(I) Emergency Action/Recovery Control: Emergency stop, First aid, Emergency procedures | Highly Unlikely | Significant | M13 |
| 2 | Switch on conveyor | Proximity to conveyor edges and roller | Unlikely | Significant | H16 | Fixed guarding on conveyor edges and rollers (I) Emergency Action/Recovery Control: Emergency stop, First aid, Emergency procedures | Highly Unlikely | Significant | M13 |
| 3 | Calculate board size and number of chops per minute - trial to get sizing right | Noise (78-83 dB avg. at operator position) Proximity to cutting machinery parts | Possible | Significant | H17 | CLASS 4 hearing protection (M) Adjustable interlocked guarding on in-feed and out-feed(I) Emergency Action/Recovery Control: Emergency stop, First aid, Emergency procedures | Highly Unlikely | Significant | M13 |
| 4 | Run machine | Noise (78-83 dB avg. at operator position) Proximity to cutting machinery parts Fire hazard (friction from conveyor contacting jammed board) | Possible | Significant | H17 | CLASS 4 hearing protection (M) Adjustable interlocked guarding on in-feed and out-feed(I) Emergency Action/Recovery Control: Emergency procedures, CO2 and H2O extinguishers adjacent to machine | Unlikely | Significant | H16 |
| 5 | Stop machine and run conveyor to move stack forward | Proximity to conveyor edges and roller | Unlikely | Significant | H16 | Fixed guarding on conveyor edges and rollers (I) Emergency Action/Recovery Control: First aid | Highly Unlikely | Significant | M13 |

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| JOB STEP | | POTENTIAL RISK | INITIAL RISK | | | REQUIRED RISK CONTROLS | RESIDUAL RISK | | |
|----------|--|--|----------------|----------|------------|--|-----------------|----------|------------|
| Step No. | List job steps in the sequence they are carried out. | List the potential risks for the job step. | Likelihood | Severity | Risk Score | List the controls required to eliminate or minimise the risk. | Likelihood | Severity | Risk Score |
| 6 | Move stacks to stacking table and arrange in bundles | Manual handling Sharp cut board edges Blood contamination on board | Almost Certain | Moderate | E20 | Training, supervision, table design, stack size, gravity feed rollers, cut-resistant gloves Emergency Action/Recovery Control: First aid | Highly Unlikely | Moderate | L6 |
| 7 | Transfer bundles to strapping table | Manual handling Sharp cut board edges Blood contamination on board | Almost Certain | Moderate | E20 | Training, supervision, table design, stack size, gravity feed rollers, cut-resistant gloves, wheeled trolley Emergency Action/Recovery Control: First aid | Highly Unlikely | Moderate | L6 |
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JOB SAFETY ANALYSIS



JSA SIGN OFF AND ACCEPTANCE

We confirm that we understand this JSA and recognise that its purpose is to control the risks that are present for this task.

| Full Name | Role (if applicable) | Signature | Date |
|---------------|----------------------|-----------|------------|
| Tony Kennedy | H&S Advisor | T.K | 01/06/20## |
| D Gallop | Manager | D Gallop | 01/06/20## |
| John Deer | Operator | JDeer | 03/06/20## |
| Mary Shelley | Asst. Operator | MShelley | 03/06/20## |
| Phill Rickman | Supervisor | PRickman | 03/06/20## |
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