**Accident Prevention Plan**

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| **Farm Name:** Chessgrove Farm Poultry | **Applicant:** SK Batt |
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**Table 2.8.4: Accident assessment for the installation.**

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| **Accident or j**  **abnormal release scenario** | **Likelihood of occurrence** | **Consequences of occurrence** | **Severity of occurrence** | **Risk Rating** | **Actions taken or proposed to minimise the chances of it happening** | **Actions planned if the event does occur** |
| **Generic - Site Wide** | | | | | | |
| Failure of hard standing resulting in ground contamination | 4 | Potential ground contamination with dirty water wash out and soluble raw materials. | 1 | L | Inspection and maintenance of hard standing areas. | Invoke spill containment procedures. Clean up according to COSHH data sheets and appropriate disposal arrangements. Resurface as necessary. |
| Vehicle collision with product stores | I 4 | Increased waste. Release of material into drainage system. Fugitive emissions into atmosphere. | I 2 | L | All liquid storage and vessels are guarded Invoke spill containment and bunded. Pallets of dry materials are procedures. Clean up according to stored in designated areas. COSHH data sheets and  appropriate disposal arrangements. | |
| Major fire | 3 | Loss of containment of stored materials. Releases to atmosphere. Increase in waste generated. Noise and odour releases. | 4 | L | Fire alarm systems installed, maintained I Invoke emergency procedures and  and tested according to Fire and Rescue business recovery plan. service recommendations. Emergency  procedures are in place and reviewed. Permit to work system to control hot work etc. Designated smoking areas. Preventative maintenance on all electrical systems. Fire fighting training. Provision of manual extinguishers. | |

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| **Accident abnormal scenario** | | **or release** | **Likelihood C)f occurrence** | **Consequences of occurrence** | **Severity of occurrence** | **Risk Rating** | **Actions taken minimise the happening** | | **or proposed to chances of it** | | **Actions planned if the event does occur** |
| Minor Fire | | | 4 | Minor release to atmosphere. Small amount of waste generated. Small | 1 | L | Fire alarm systems installed, maintained and tested according to Fire and Rescue | | | | Invoke emergency procedures and business recovery plan. |
| . | | |  | release of odour. |  |  | service recommendations. Emergency  procedures are in place and reviewed. Permit to work system to control hot work | | | |  |
|  | | |  |  |  |  | etc. | Designated | smoking | areas. |  |
|  | | |  |  |  |  | Preventative maintenance on all electrical | | | |  |
|  | | |  |  |  |  | systems. Fire fighting training. Provision of | | | |  |
|  | | |  |  |  |  | manual extinguishers. | | | |  |
| Failure | to | contain | 3 | Contaminated waters from fire | 3 | L | Fire prevention measures as above | | | | Invoke emergency procedures and |
| firewater | | |  | control entering surface water |  |  |  | | | | business recovery plan. Inform |
|  | | |  | systems / brook / sewer |  |  |  | | | | Environment Agency (EA) |
| Vandalism | | | 4 | Range of damage to equipment e.g. bulk storage and pipework with consequent release to ground *I* drains/ sewer | 2 | L | Insurers recommended site security measures are in place including access gates. | | | | Address any specific equipment damage. Reinstate and review security measures. |
| Flood | | | 2 | Increased waste, release to ground / brook / sewer | 1 | L | Site lies outside flood plain | | | | Inform EA. Take appropriate corrective and preventative actions to minimize environmental impact (such as sand bagging) |
| Fuel *I* | Oil | spills from | 5 | Uncontrolled release to drainage | 2 | L | Supervised off loading | | | | Invoke spill containment |
| delivery vehicles | | |  | system / brook / sewer |  |  |  | | | | procedures. Clean up according to |
|  | | |  |  |  |  |  | | | | COSHH data sheets and |
|  | | |  |  |  |  |  | | | | appropriate disposal arrangements |

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| **Accident or**  **abnormal release scenario** | **Likelihood of occurrence** | **Consequences of occurrence** | **Severity of occurrence** | **Risk Rating** | **Actions taken or proposed to minimise the chances of it happening** | **Actions planned if the event does occur** |
| Accidental activation of alarms and sirens | I 5 | Noise complaints | 2 | L | Preventative maintenance | Stop noise source and repair and review |
| Bund failure (following | I 5 | Uncontrolled release of liquids into | I 1 | L | Supervised off loading of materials. I | Stop discharge. Appropriate |
| tank failure) |  | contaminated bund |  |  | Bunded tanks | disposal of waste |
| Failure of interceptor | 4 | Uncontrolled release to drainage system / brook / sewer | 3 | L | Regular cleaning, emptying and inspection programme | Inform EA. Invoke emergency action plan and effect repair |
| Major Feed Spill | 4 | Increase waste. Release of material into drainage system | I 1 | L | Inspections and regular preventative maintenance of feed containment vessels. Delivery driver training. | I Stop discharge, by halting delivery. Contact the Feed mill to arrange a bulk sucker vehicle that can remove the spilled product by suction. Re­  distribute feed, and clean area. |
| Minor Feed Spill | 5 | Increased waste. Release of material into drainage system | I 1 | L |  |  |
| Constant observation by delivery driver, the placement of catchment bags on silo exhaust pipework. Regular maintenance | Stop discharge by halting delivery. Replace catchment bag, clean area and dispose of the product by waste skip, ensuring the product is  bagged. |
| Major Chemical Spillage | 3 | Uncontrolled release to drainage system | I 1 | L | Regular inspection of bunded areas, delivery of products to 'day of usage' | Immediately ensure the drainage system sluice valve re-directs the spillage to catchment tanks. Invoke the spill containment procedure and contact the EA |

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| Minor Chemical spillage | 4 | Uncontrolled release to drainage system | I 1 | L | Training competencies of cleaning operatives to ensure product is handled correctly and in measured batches as prescribed. The product is only used in a  diluted state. | Ensure the drainage system is directed to the catchment tanks.  j Clean up area immediately. |
| Major Slurry / Manure Spillage | 4 | Uncontrolled release to drainage system. Increased waste. Fugitive emissions to atmosphere (odour) | I 1 | L | Substance to be removed from poultry houses in manageable batches. The drainage system sluice valves must be positioned to re-direct the effluent to the catchment pots. The catchment pots must  be regularly emptied. |
| Minor Slurry / Manure Spillage | I 4 | Uncontrolled release to drainage system. Increased waste. Fugitive emissions to atmosphere (odour) | 1 | L | All valves to catchments pots must be open. Substances should be removed in manageable batches. |

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