

EMERGENCY PREPAREDNESS AND RESPONSE PLAN

EMERGENCY FAILURE OF THE SEWAGE PUMPING STATION

(emergency)

1. Active and passive safety measures to prevent an accident

- 1.1. Wastewater filtration equipment
- 1.2. Wastewater particle size reduction equipment
- 1.3. Main wastewater pump
- 1.4. Additional wastewater pump
- 1.5. Wastewater level sensors
- 1.6. Pump malfunction sensor
- 1.7. Malfunction sensor of the wastewater particle size reduction equipment
- 1.8. Power supply absence sensor
- 1.9. Automatic generation of messages according to information provided by sensors
- 1.10. Visual external inspection of pipelines and wells.
- 1.11. Periodic cleaning and inspection of the equipment and records of cleaning and inspection.
- 1.12. The external company providing wastewater collection services.

2. Emergency response actions

- 2.1. In the normal operating mode, wastewater is pumped in the wastewater pumping station by the main wastewater pump automatically, according to the wastewater level sensor.
- 2.2. If the amount of wastewater exceeds the set wastewater level of the main working pump, the upper level alarm of the wastewater pumping station is automatically activated.
- 2.3. If the upper level alarm of the wastewater pumping station is activated or the connection with the wastewater pumping station is lost, the additional wastewater pump is automatically switched on and the On-duty Electrician automatically receives a message on his phone.
- 2.4. The On-duty Electrician immediately goes to the workplace to assess the cause of the increased wastewater level.
- 2.5. In case of overflow from the pumping station, the On-duty Electrician takes the following actions:
 - Gives the instruction to restart the pumps remotely from the operating room or manually at the pumping station.
 - Checks the operation of the pumps and the pumping station level floats and level sensor. If the pumping station level floats are contaminated and not working, they can be flushed with water from the water hydrant located nearby the pumping station.
- 2.6. The On-duty Electrician shall immediately report the identified cause to the Shift Supervisor and the Technology Development Team Leader.
- 2.7. If the wastewater pumps cannot be restarted, the pulp preparation technological equipment and the paper machines No 5 and No 6 are immediately stopped under the instruction of the Shift Supervisor, so stopping the supply of wastewater to the pumping station.
- 2.8. The Shift Supervisor shall immediately report the accident to the Production Director.
- 2.9. If the wastewater pumps cannot be restarted, the external company is called under the instruction of the Shift Supervisor to pump out the excess wastewater in the wastewater collection tank.

EMERGENCY PREPAREDNESS AND RESPONSE PLAN

EMERGENCY SPILL OF INDUSTRIAL WASTEWATER

(emergency)

1. Active and passive safety measures to prevent an accident

- 1.1. Main wastewater collection pool
- 1.2. Auxiliary wastewater collection pool
- 1.3. Emergency wastewater collection pools
- 1.4. Main wastewater pump
- 1.5. Additional wastewater pump
- 1.6. Wastewater level sensors
- 1.7. Pump malfunction indication
- 1.8. Power supply absence indication
- 1.9. Visual external inspection of pipelines and wells.
- 1.10. Periodic cleaning and inspection of the equipment and records of cleaning and inspection.
- 1.11. The external company providing wastewater collection services.

2. Emergency response actions

- 2.1. In the normal operating mode, wastewater is pumped in the wastewater pumping station by the main wastewater pump automatically, according to the wastewater level sensor.
- 2.2. If the upper level alarm of the wastewater pumping station is activated or the connection with the wastewater pumping station is lost, the Pumping Station Operator automatically receives a message on the system monitoring equipment. The Operator immediately switches on the additional wastewater pump and informs the Shift Supervisor, the Technology Division Manager, and the On-duty Electrician by phone.
- 2.3. The On-duty Electrician immediately goes to the workplace to assess the cause of the increased wastewater level.
- 2.4. If the wastewater level exceeds the set maximum wastewater level at the pumping station, the On-duty Electrician takes the following actions:
 - Gives the instruction to restart the main pump remotely from the operating room or manually at the pumping station.
 - Checks the operation of the pump and the pumping station level float and level sensor. If the pumping station level float is contaminated and not working, it can be flushed with water from the water hydrant located nearby the pumping station.
- 2.5. If the main wastewater pump cannot be restarted, the Shift Supervisor gives the instruction to stop the fibreboard production line and to start repairing the pump. The wastewater level is monitored in the main wastewater collection pool.
- 2.6. If the main wastewater collection pool fills up and the wastewater pump fails to start, the wastewater is mechanically directed to the auxiliary wastewater collection pool.
- 2.7. If the wastewater level in the auxiliary pool rises, an external wastewater pump is delivered to the site and switched under the instruction of the Shift Supervisor and then pumps the wastewater to the emergency wastewater collection pools.
- 2.8. If the wastewater level in the emergency pools rises and the pump cannot be restarted, the Shift Supervisor of UAB Grigeo Baltwood immediately informs the Shift Supervisor of AB Grigeo, and the pulp preparation technological equipment and the paper machines No 5 and No 6 are immediately stopped under the instruction of the Shift Supervisor, so stopping the supply of wastewater to the line. The Shift Supervisor shall immediately report the accident to the Production Director.
- 2.10. If the wastewater pumps cannot be started, the external company is called under the instruction of the Shift Supervisor to pump out the excess wastewater in the wastewater collection pools.

EMERGENCY PREPAREDNESS AND RESPONSE PLAN

SPILL OF CHEMICAL SUBSTANCES

(emergency)

1. Active and passive safety measures to prevent an accident

- 1.1. Rooms designated and equipped for the storage of chemicals
- 1.2. Wastewater collection channels in the chemicals storage rooms
- 1.3. Chemicals spill containment traps
- 1.4. Chemicals collection baths
- 1.5. Sorbents to absorb chemicals
- 1.6. Marking of chemicals containers
- 1.7. Digital control of the access of personnel to the chemicals storage rooms
- 1.8. Registration of chemicals safety data sheets
- 1.9. Personnel instruction and training
- 1.10. Digitised and automated chemicals dosing system

2. Emergency response actions

- 2.1. Access to the places for the storage, keeping, and use of chemicals is only allowed to specially instructed and trained employees of the company. Access to the places for the storage, keeping, and use of chemicals is only possible through the digital access control system.
- 2.2. In the event of a spill of dry or liquid chemicals, the employee responsible for the supervision of chemicals must immediately:
 - Put on additional personal protective equipment.
 - Place the damaged package (bag) into a protective package.
 - Sweep the spilled substance and collect it into special containers.
 - Flush the substance remaining at the place of spillage with plenty of water into the wastewater collection channel.
 - In case of spillage of several liquid or dry chemicals, those substances should not be mixed together but must be collected into separate containers or bags.
 - To collect chemicals, containers or bags specially designed for the collection of chemicals must be used.
 - The container into which a chemical substance has been collected must be marked with the name of the collected chemical substance and the date of collection.
- 2.3. The employee responsible for the storage and use of chemicals shall immediately report the accident and the fact of storage of the collected chemical substance to the Shift Supervisor.
- 2.4. The Shift Supervisor shall immediately report the accident and the fact of storage of the collected chemical substance to the Technologist, the Production Director, and the Environmental Specialist.