

EXTERNAL VESSELS

NEW EQUIPMENT

Incoming mains water

Separate chilled storage (increased in size 2024) – max. unit size for liquid 1T. Floor area 308m²

Separate Ambient storage (increased in size 2024) areas x 2 containing packaging / dry and liquid ingredients. Max unit size for liquids 1T
Area 1 size – 626m²
Area 2 size – 816m²

External bunded storage for production cleaning chemicals

We are seeking planning permission for an additional purpose built chemical storage area (this will replace some freestanding bunded cabinets)

Storage tanks (mains water):
1 x 1100000l
1 x 225000l

1 x 227380l (spring water)

Liquid ingredients in bulk tanks:
Glucose 2 x 65000l
Glucose 25000l and 30000l
50% citric acid 60000l

All situated in yard where drains are linked to effluent plant

Dry sugar in bulk tank – 105m³

Bulk storage tanks for gasses:
CO₂ x 3 (approx. 20T each)
Nitrogen x 2 (approx. 4.5 and 20T)

Water Treatment plant (UF, RO)

Storage tanks (Treated water)
3 x 225000l

Internal tanks – sugar dissolving 20000l + 10000l storage.
New 2nd Sugar Dissolver, 2 x 20000l storage
Liquid dextrose 2 x 60000l

NEW External storage tank for recycled water ready to use (processed on site post effluent – see below)
225000l

Internal tanks for cleaning in place
Water – 2 x 10000l, 13500l
Caustic solution – 2 x 10000l, 13500l

NEW LINE 6
Mixing tanks 20000l x 2
Dissolving tank 12000l
Holding tanks 10000l, 20000l, 3000l

LINE 3
Mixing tanks 12000l x 2
Holding tanks 10000l, 20000l, 3000l

LINE 2
Mixing tanks 12000l x 2
Holding tanks 10000l, 20000l, 3000l

LINE 1
Mixing tanks 12000l x 2
Holding tanks 10000l, 20000l, 3000l

LINE 4
Mixing tanks 12000l x 2
Dissolving tank 7000l
Holding tanks 10000l, 20000l, 3000l

LINE 5
Mixing tanks 12000l x 2
Dissolving tank 7000l
Holding tanks 10000l, 20000l, 3000l

NEW PRODUCTION LINE 6 CANS
MAX SIZE / SPEED 473ml @ 90000 cans per hour

PRODUCTION LINE 3 PET BOTTLES
MAX SIZE / SPEED 1 Litre @ 37000 bottles per hour

PRODUCTION LINE 2 PET BOTTLES
MAX SIZE / SPEED 1 Litre @ 35000 bottles per hour

PRODUCTION LINE 1 PET BOTTLES
MAX SIZE / SPEED 2 Litre @ 22000 bottles per hour

PRODUCTION LINE 4 CANS
MAX SIZE / SPEED 355ml Litre @ 90000 cans per hour

PRODUCTION LINE 5 CANS
MAX SIZE / SPEED 250ml Litre @ 90000 cans per hour

Shunts used to move pallets to on site storage (finished goods warehouse) – size 18000m², before collection by customer or delivery to external depots or customers

Recycled and general waste stored in covered skips and removed by contractors

Liquid waste from production treated by on site effluent treatment plant and discharged to soakaway.

Storage tanks in bunded area:
Buffers - 1 400m³
Buffer 2 1000m³
Non-conformance 300m³
Anoxic 143m³
Membranes 2 x 24500l
Bioreactor 1390m³
Treated Water 50m³
Concentrate sump 10m³
Filtrate buffer – 45000l

Boiler 1 to be replaced with larger boiler

Boiler 2

HVO for shunters 5000litres (fully self bunded)

WATER REUSE – REFER TO SEPARATE FLOW DIAGRAM FOR DETAILS L441b

All drains in the factory and those where external ingredient tanks are located are directed to the effluent plant so spillages can be processed.

