Previous tank finishes – All of the product is packed.

Pick clean down procedure based on clean down matrix

No waste rinse

Nothing pumped out of the tank between batches. Valves closed tank cleaned.

Rinse

Tank cleaned. Wash water pumped out to IBC.

Detergent

Tank cleaned. Wash water pumped out to IBC.

Sterilisation

Between enzyme and enzyme-less product. Uses bleach solution for sterilisation and then proceeds with bleach cleandown. All of the contents pumped out to special IBCs.

Paste cleandown

Special procedure for paste only. Tank cleaned from paste residue and leftovers flushed into an IBC.

Bleach/peroxide clean down

Clean after bleach/ peroxide product. All pumped out to special IBCs.

Caustic clean down

Cleaning of stubborn residue in tanks. Wash water pumped out to IBC.

Clean tank ready to be made.

Water added as per blend sheet.

Ingredients added as per blendsheet.

Tank sample taken to the laboratory.

Sample checked by lab according to lab specification.

Is sample in specification?

YES

NO

Adjustment made according to corrective guidance provided by NPD.

Tank connected to the line based on production plan and packed into packaging.

Waste from production collected to waste IBCs.

Tank empty.