

## DIRECTIONS FOR USE

### FIL Quantum Gold

#### MILKING MACHINE

1. After milking flush machine with a minimum of 10 litres cold water per cluster  
**Hot Acid Wash**
2. Set hot water cylinder thermostat at 85°C
3. Use concentration of 15ml Quantum Gold to 10 litres hot water  
Jettors / Bucket: 10 litres per cluster  
Reverse flow: receiving can plus 10 - 15 litres per cluster  
Recirculation: recirculate for 10-15 minutes discarding before temperature reaches 50°C
4. Strip and brush any inaccessible parts. Wash thoroughly with cleaning solution and reassemble
5. After cleaning, open plant and drain liquid residues. (GMP users should wash with 'potable only' water)

#### MILK SILO

1. Rinse with water to remove milk residues
2. Wash with Quantum Gold using the same concentration as above NZCP3 volumes are:
  - Up to 7000L vat, 100L for single pass, 90L for recirculation
  - 9000L vat, 166L for single pass, 110L for recirculation
  - 16000L vat, 270L for single pass, 180L for recirculation
3. Dismantle and brush any inaccessible parts e.g. valves, doors and seals
4. Reassemble and flush with detergent
5. Drain liquid residues. (GMP users should wash with 'potable only' water)

#### WEEKLY

1. Once weekly (or more frequently if water quality or cleaning system requires it) use a hot alkaline wash of FIL Quantum XL or Quantum Powder
2. Strip and brush any inaccessible parts
3. Reassemble and rinse with Quantum Gold at 15ml/10L
4. Open plant and allow to drain. (GMP users should wash with 'potable only' water)