

The cleaning and disinfection (C&D) protocol should be discussed with your veterinary surgeon. The following guidelines are for C&D of buildings, the principles can be applied to any C&D procedure e.g. footwear, transport, equipment.

#### **Before Cleaning - removing organic debris and a long pre-soak greatly improve cleaning**

1. Remove all feed and manure, brush down surfaces to remove gross organic debris
2. Material below slats must be removed
3. Dismantle equipment where possible, including feeders and drinkers, and include in the C&D procedure
4. Drain drinking system where possible
5. Isolate fixed electrics
6. Pre-soak pens with plenty of water, preferably overnight. This markedly assists cleaning.

#### **Cleaning - thorough cleaning is essential to allow effective disinfection**

1. Pressure wash pens using a heavy duty detergent to improve the efficiency of cleaning
2. Work from top to bottom and avoid contaminating cleaned areas with splashed dirty water
3. Ensure dirty water drains freely without pooling or contaminating cleaned areas
4. Drinker systems should be drained and treated with a suitable disinfectant or sanitiser according to manufacturers instructions for drinking systems.
5. Once cleaning is complete, carry out any necessary repairs to floor surfaces, equipment and building fabric prior to disinfection
6. Ensure buildings are dry prior to disinfection

#### **Disinfection - ensure saturation of surfaces with fresh disinfectant**

1. Ensure appropriate protective clothing and footwear is worn
2. The disinfectant chosen should be Defra approved for General Orders use and should be used at least at the dilution for General Orders - and possibly higher, after consultation with the manufacturer.
3. Use disinfectant at the correct dilution and application rate and make up fresh disinfectant daily
4. Disinfect buildings and equipment at low pressure ensuring thorough saturation of surfaces
5. Equipment used for C&D must itself be kept cleaned and disinfected
6. A list of Defra General Orders approved disinfectants are found at:  
[http://www.defra.gov.uk/animalh/diseases/control/testing\\_disinfectants.htm](http://www.defra.gov.uk/animalh/diseases/control/testing_disinfectants.htm)

#### **After disinfection - preventing recontamination is vital for C&D to be worthwhile**

1. Assess the risk of recontamination which includes vehicles, equipment and people, rodents and birds and take action to reduce each risk
2. Do not allow vehicles/contractors/staff/equipment to enter buildings unless they are also C&D
3. Improve rodent control - intensively bait cleaned and disinfected buildings
4. Prevent wild birds, cats and dogs entering buildings
5. Place disinfectant footdips and brushes outside C&D buildings
6. Follow equipment and disinfectant manufacturer's instructions for post-disinfection operation
7. Reduce rodent refuge sites around buildings by clearing equipment and vegetation outside pig accommodation.

For further information see BPEX Action for Productivity 10 'Cleaning and Disinfection' and BPEX Work Instruction 5 'Pressure washing'.