



IBC Reconditioning Process



STAGE 1 - 1st VISUAL APPRAISAL

A full assessment of the condition of bottle, cage and pallet is carried by our processor to confirm the IBC's suitability for reconditioning.

STAGE 2 - EXTERNAL WASH

- IBC is moved into the jet wash area
- Externally jet washed to remove all dirt and debris

STAGE 3 - INTERNAL WASH

- Moved to the internal wash area and internally washed by a 360° rotating spinner
- Water temperature is 80°C
- If detergent is required (detergent is only used on a small number of IBCs) it is used at a ratio of between 2% - 5% detergent to 98% - 95% water
- The washing process takes approximately 2 minutes
- The operator monitors the wash process to assess whether extended cleaning is required

STAGE 4 - RINSE

- Rinse cycle commences and will continue to rinse with fresh water until the water is clear

- The operator monitors the rinse process to assess whether extended rinsing is required
- All remaining water is sucked out using a wet vacuum cleaner
- The operator internally inspects the IBC to check that it is clean

STAGE 5 - DRYING (if applicable)

- Moved to the drying station. A hot air tool/blower is placed above the lid of the IBC
- Hot air is blown in through the top and exits via the drain valve
- The drying process takes approximately 10 minutes
- The IBC is left to cool down

STAGE 6 - 2nd VISUAL APPRAISAL

- A full assessment of the IBC is undertaken to inspect the standard of cleanliness and to ensure the IBC is suitably dry
- The valve is visually checked and closed
- ALU foil is applied over the outlet valve with a hot iron. If required and possible, a tamper screw is applied in order that the valve cannot be reopened
- A cap is placed on the valve in order to close it
- The IBC lid is replaced
- IBCs are stacked inside the factory to await collection

STAGE 7 - FINAL VISUAL APPRAISAL

- Before IBCs are loaded onto a vehicle a final inspection is carried out to ensure they are in good condition, clean and dry (inside and outside)
- A label is applied to each IBC providing the date of despatch, the person responsible for the batch and the final approval

USE OF RECONDITIONED IBCs

Please note: Reconditioned IBCs are not suitable for use in certain industries, e.g. the food and drink marketplace. For many years our reconditioned IBCs have been used to dispense non-potable water on many building sites. Some building companies / applications prefer to use brand new IBCs for potable water. **New IBCs are also available from Plastic Solutions (Aldridge) Limited.**