

Plastic Blow Moulded Bottles

Pulsed DC System

Problem

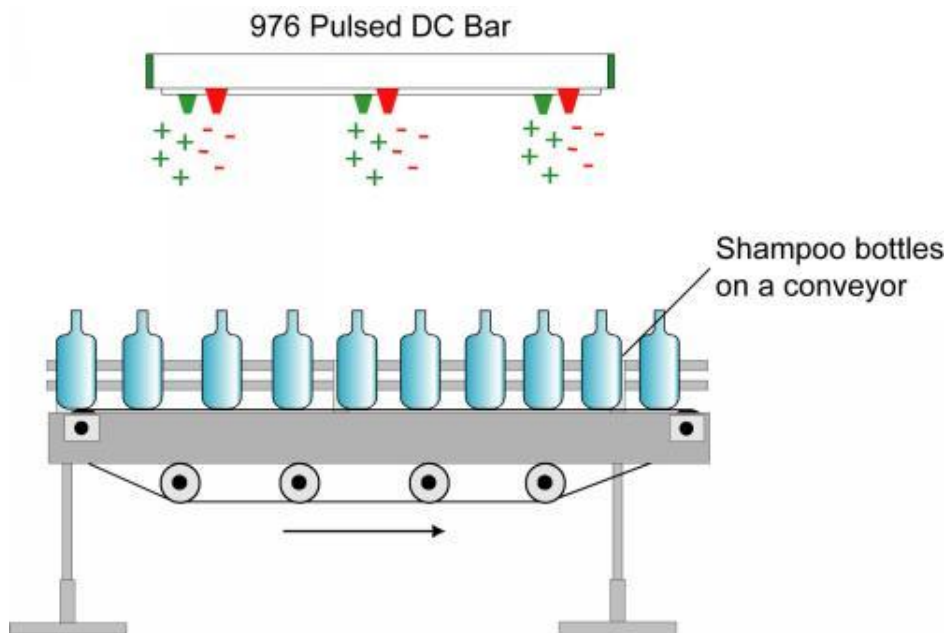
Blow moulded plastic containers such as shampoo bottles can experience problems at the packing station such as:

1. The highly charged bottles attract dust, leading to unacceptable contamination of what is expected to be a clean product.
2. Increased production costs, due to additional cleaning at the pre-filling station.
3. Very unpleasant operator shocks (leading to operator discontent).

Solution

The positioning of a long range Model 976 Pulsed DC ionising bar as shown above resolves the problem. Constant streams of ions neutralise the blow moulded bottles, the conveyor and the operators' bodies via their hands and arms which are regularly placed within the ionisation field. The bars are typically mounted above the conveyor on a raised strip light gantry.

Fig.



APPLICATION NOTE

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