



12<sup>th</sup> March 2012.

## Hot Box Safety Features

Health & Safety is of paramount importance within our business and listed below are some of the initiatives we have taken to ensure our Hot Boxes are the safest in the Industry.

- All vehicles have a twin beacon bar fitted to the cab roof and a single beacon to the rear as standard.
- The augers are operative only when the rear hazard beacon is switched ON ensuring that all personnel are aware that the machine is in use.
- Chapter 8 livery including High Viz rear chevron boards and rear facing doors and edges have red reflective strips fitted as standard.
- Audible reverse alarm and colour reverse camera fitted as standard.
- All Hot Box vehicles have a 5kg Fire extinguisher fitted as standard.
- Access and egress to and from all raised platforms and body via 3 points of contact dedicated access steps.
- Access platforms at front and rear have removable anti-slip grill walkways.
- Relevant warning livery fitted to appropriate parts of vehicle.
- N D Brown specific & detailed 'Hot Box Operating Instructions and Safe Working Practices' supplied with vehicle
- In cab warning sign: "Caution extinguish gas system when entering fuel filling station" fitted in all vehicles.
- Hot Box training & familiarisation offered at time of vehicle handover.
- Safe gas bottle stowage warning livery fitted in cab.
- Gas bottle stowage with triple security including dedicated gate, chain and ratchet strap as standard.
- Rear auger covers and hopper lids protected by interlock switches so augers will not operate if left open.
- Extra auger reversing hydraulic relief valve to prevent excess pressure build up.
- Main Isolator and Emergency Stop to shut down augers and burners.
- Thermostatically controlled automatic burner ignition & temperature control fitted with electronic ignition system that reignites the burners in the event of them becoming extinguished.
- Gas burner shut down for flame failure and gas shut off valve.
- Hydraulic auger driven discharge to remove the risks associated with tipping into overhead cables and inherent vehicle stability issues from tipping a retained load.
- Gas bottle lifting equipment fitted as standard.
- All our fitters and service engineers have been fully trained and successfully assessed in LPG including;
  - Hot Box Gas Safety Competency for Installation
  - Hot Box Gas Safety Competency for Maintenance and Servicing.