BEST PRACTICE

LOCATION:	**On-Highway**	**ARTICLE YEAR**	**2016**
ACTIVITY:	**Traffic management**	**COMPANY:**	**Colas Ltd**
SUB ACTIVITY:	**No Sub Activity Available**	**COMPANY LOCATION:**	**Company wide**
BEST PRACTICE No:	**BP1948**	**COMPANY TEL:**	**00000**
COUNTRY OF ORIGIN:	**United Kingdom**		

TITLE

Traffic management access gates

ARTICLE

DESCRIPTION

During overnight roadworks a Colas traffic management operative was injured whilst manning a works access point on a full road closure. He was closing a plastic pedestrian barrier, when he was injured by road user who hit the barrier as they attempted to gain access.

Following this incident, Colas developed an innovative 'Traffic Management Access Gate', the gate enables remote operation of access points. The system is comprised of a portable barrier powered by an electric motor and integrated battery power source, it can be operated from distances up to 200m. The system is designed to be extremely portable, robust, weighs only 80kg and no single item weighs more than 25kg. Whilst lightweight, the heavy duty appearance of the 2inch tubular aluminium boom provides a clear message to road users that the site is closed. The system can be set up and operational within 90 seconds of arrival on site.

Two access gates are commonly deployed at each access point, providing an "airlock" arrangement, where the first gate is opened and closed behind the works vehicle before the second gate is opened. This technique ensures that the risk of an unauthorized vehicle entering site is reduced as far as reasonably practicable. The system, once deployed, eliminates the need for operatives to be on foot around the works access point, as the gate is operated by remote control from a safe distance away from live traffic and passing road users.

BENEFITS

- Greatly reduced exposure to traffic in high risk environment
- A 75% reduction in instances of encroachments into work zones and interactions with members of the public
- Universally positive feedback from operatives and contractors
- Reduced potential for confrontation with members of the public
- The system is well designed and easy to erect
- A safer environment for all

ARTICLE IMAGES

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