

BEST PRACTICE

LOCATION: Concrete products plant ARTICLE YEAR: 2014
ACTIVITY: Manual handling and storage COMPANY: Aggregate Industries
SUB ACTIVITY: N/A COMPANY LOCATION: Charcon . Moorpeth Site
BEST PRACTICE No: BP910 COMPANY TEL: 07986 755517
COUNTRY OF ORIGIN: United Kingdom

TITLE

Plasma Cutting Trolley

ARTICLE

DESCRIPTION

Charcon Construction Solutions introduced plasma cutting into the T beam manufacturing process at their Morpeth manufacturing site. This replaced the use of heavy, hand held, petrol saws which were used whilst standing on the T beam. During commissioning, it was realized that trailing electrical and pneumatic cables and the manual movement of the plasma cutting devices were hazards. A trolley was developed that would travel on top of the beams integrated with suspended cables on a small monorail. It incorporated a set of side wheels which allowed the trolley to be guided by the side of the beam without "crabbing".

BENEFITS

- Reduced risks associated with noise, dust, HAVs, slips trips and falls
- Reduced risks from working at height and the potential for muscular and skeletal injuries
- Elimination of hazards associated with trailing cables (415 volt)
- Reduces risks of pneumatic high pressure injections injuries
- Reduced manual handling
- Cutting is quicker, less arduous and undertaken at ground level

ARTICLE IMAGES

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