



BEST PRACTICE

LOCATION: Quarry
ACTIVITY: Production and Processing
SUB ACTIVITY: Aggregate processing
BEST PRACTICE No: BP460

ARTICLE YEAR: 2007
COMPANY: Blasting Services
COMPANY LOCATION: Venture Crescent, Alfreton, Derbyshire
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TITLE

 Award Winner  On Video

Preventing drill rig overturn

ARTICLE

After two recent incidents in Europe where drill rig overturns occurred, Blasting Services produced the equipment to try and tackle this problem. In certain conditions a drill rig can overturn. This is usually where drilling occurs in awkward places, the boom needs to swing to the side to help stabilize the rig. But if the rig goes over uneven ground before centralizing the boom it can topple. So the intention was to stop these circumstances happening.

An isolator was fitted which prevents the tracking levers working whilst the boom is swung out too far for stability.

The switch is triggered by a bullet sensor if the boom is extended too far. The result of this is that the tracking levers will cut out. Once the boom returns to a safer position the switch is de-activated and the tracking levers can be used again. Once more the driver is in control and able to move into the next position.

- This measure is being extended to all existing rigs.
- New machines will be installed with this safety mechanism.

ARTICLE IMAGES



 Blasting Services Ltd