

20 MINERS DISCONNECTING 560 HYDRAULIC HOSE ASSEMBLIES

WHY DO THE LONG HAUL WHEN MOVING LONGWALL?

STAPLE LOCK GATES iLOK™

LONGWALL MOVE COMPARISON

75

\$52,267 in labor costs

24^h

HOURS NEEDED
FOR DISCONNECT

2

Only \$1,307 in labor costs

8%

\$120 cost per hose assembly



HOSE ASSEMBLIES
DESTROYED DURING MOVE

0%

Hand tightening, no tools required

2

\$10,000 per incident



SAFETY INCIDENTS

0

Controlled pressure release
minimizes risk of injury

20

\$33,600 in labor costs



MEN NEEDED
FOR RECONNECT

6

Only \$5,040 in labor costs

94

Total lost operational hours



PRODUCTIVITY
TIME IMPACT

3

Total lost operational hours

TOTAL COSTS

\$85,867

\$20,000

\$851

LABOR COSTS
SAFETY INCIDENTS
REPLACEMENTS

\$6,347

\$0

\$0

\$106,718

The difference between using staple lock
and Gates iLok™ results in a total cost savings
in labor and materials of \$100,371

\$6,347

\$100,371 + \$3,822,000

Increased production
due to gains in
productivity

\$3,922,371*

TOTAL POTENTIAL MONETARY GAIN ACHIEVED WITH GATES iLOK™ CONVERSION

Costs associated with staple lock fittings in longwall mining are
excessive. Use our online calculator to reveal significant
savings for your mine when converting to Gates iLok™.

Gates.com/iLokCalculator



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*Figures and statistics drawn from a longwall mine using iLok™ couplings.

STAPLE LOCK

GATES iLOK™