

Please review the following incident with all employees

Belt Anchorage/Tail Piece Attachments Upgrades

(24 October 2008)

Incidents involving unplanned movement of conveyor belt components have been reported across BHP Billiton operations during the current calendar year.



To address this situation, San Juan Coal Company has redesigned the tail piece at its underground operations using a hydraulic staker post isometric feature, as shown above. Hydraulic pressure is used to set the staker posts to the roof for the purpose of securing/wedging the unit into place. Pressure is supplied by the hydraulic pump from a diesel scoop, shield hauler, or the onboard electric pump.



Tail Roller



The tail piece with the redesigned hydraulic staker jack isometric feature, used in San Juan Mine 1 coal conveyance operations, is critical to meeting mine development needs while improving the stability of the conveyance system to minimize the risk of unintended movement.

Further information may be obtained from wade.alldredge@bhpbilliton.com (x2269) with a request referencing document MOT-SJC-PRO-026 Operating a Tail Piece with Hydraulic Jacks.