

CASE STUDY: CS-04

Coal Mine

Site:	BMA CHPP (Bowen Basin)
Application:	Exciter motor hold down bolts on vibrating screen
Original Set-Up:	Hydraulic torque wrench
Issues Experienced:	<ul style="list-style-type: none">• difficult and confined location• Poor reaction points for tool to operate effectively• bolts continually coming loose during operation of the screen• OH&S issues with the use of hydraulic torque wrench
Technofast Product Used:	Special 1-5/8" and 1-7/8" UNF EziTite® Hydraulic Bolts. Four units in total per exciter motor
Benefits Experienced:	<ul style="list-style-type: none">• Easy installation and handling• OH&S improvements• Precise bolt load achieved• Units remained tight throughout operation period
Installation Time:	Old Method = 1 hour (2-3 personnel) New Method = 20 minutes (1-2 personnel) Time Saving = 40 minutes
Feedback Received:	"The Hydraulic bolts are easily fitted and stay tensioned in place and do not vibrate loose" Maintenance Planner CHPP

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FM233-CS01 (Rev-2)



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Application Pictures



EziTite[®] Hydraulic Bolts installed to secure exciter motors ready for service.

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