

CASE STUDY: CS-20

Coal Mine

Site:	Rio Tinto—Hunter Valley
Application:	Intermediate Boom Rope Support Tensioners
Original Set-Up:	Heavy steel TEE Bars and jacks need to be lifted and installed to tension the ropes and then removed.
Issues Experienced:	<ul style="list-style-type: none">● Manual Handling Concerns● Rating concerns with 1" UNC bolts used with jacks● OH&S concerns due to working at heights.
Technofast Product Used:	EziTite IBS Tensioners—EZI-IBS-212X4-000.
Benefits Experienced:	<ul style="list-style-type: none">● Easy installation and handling● removed major OH&S concerns● ability to check rope loads quickly and easily
Installation Time:	Old Method = 2 hours 30 minutes (2-3 personnel) per rope New Method = 45 minutes(2 personnel) per rope Time Saving = 1 hours 45 minutes
Feedback Received:	"Has received great acceptance from the onsite maintenance crew." Hunter Valley User

TECHNOFAST INDUSTRIES PTY LTD

2-4 Calcium Court CRESTMEAD QLD 4132
Po Box 888 BROWNS PLAINS BC QLD 4118
P: 07 3803 6550
E : sales@technofast.com

ABN: 27 088 349 044

FM233-CS020 (Rev-2)



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Application Pictures



IBS Rope being tensioned with EziTite[®] IBS EziTite hydraulic Nuts

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