



- GENERAL FABRICATION NOTES -**
- 1) ALL HOLES TO BE 32 DIA UNO
 - 2) ALL BOLTS TO BE HDV CLASS 8.8 UNO
 - 3) ALL WELDS TO BE 6 mm CONT FALLET 8 UNO
 - 4) ALL WELDS TO CONFORM TO BHP 10 SPEC
 - 5) 00A-S-001 & AS 956 CATEGORY 5 P UNO
 - 6) ALL FITTINGS LOCATED CENTRALLY UNO
 - 7) ALL STEELWORK TO BE IN ACCORDANCE WITH BHP 10 SPEC
 - 8) 00A-S-001 STRUCTURAL STEELWORK & AS 3706 & AS 3777 GRADE 250 UNO
 - 9) ALL BHP & SWS TO CONFORM TO AS 163 GR 350 UNO
 - 10) ALL STEEL PLATE SECTIONS TO CONFORM TO 453478 GR 250 UNO
 - 11) ALL STEEL ROLLED SECTIONS TO CONFORM TO BHP 10 SPEC GR 308 PLUS
 - 12) ALL STEEL ROLLED SECTIONS TO CONFORM TO 453478 GR 250 UNO
 - 13) SURFACE TREATMENT - HOT DIP GALVANIZED
 - 14) SITE TOUCH-UP SHALL BE TO BHP 10 SPEC 00A-S-001 1/1
 - 15) ALL MARK NUMBERS TO BE HARD STAMPED & PAINTED AFTER TREATMENT IN LOCATION SHOWN ON DRAWING UNO
 - 16) ALL SHIMS TO BE 15 x 15 UNO
 - 17) ALL BURRS AND SHARP EDGES TO BE REMOVED
 - 18) REFER TO SUGGESTED SITEWORK PROCEDURE HB27-55P-01

NEW COMPONENTS LIST

MARK	QTY	COMPONENT DESCRIPTION
HB27-SK1	12	E 55 S SKRT PANEL
HB27-SK2	6	E 55 S SKRT PANEL
HB27-SK3	5	E 55 S SKRT PANEL
HB27-SK4	6	E 55 S SKRT PANEL
HB27-GP3	31	DUST COVER/SKIRT/GUARD POST
HB27-GP7	12	DUST COVER/SKIRT/GUARD POST
HB27-GP4	6	DUST COVER/SKIRT/GUARD POST
HB27-GP5	1	DUST COVER/SKIRT/GUARD POST
HB27-GP8	1	DUST COVER/SKIRT/GUARD POST
HB27-GP6	2	DUST COVER/SKIRT/GUARD POST
HB27-GP6X	3	DUST COVER/SKIRT/GUARD POST
HB27-DCS1	5	DUST COVER SUPPORT
HB27-DCS2	2	DUST COVER SUPPORT
HB27-DCS4	1	DUST COVER SUPPORT
HB27-DC1	3	HINGED DUST COVER
HB27-DC2	3	HINGED DUST COVER
HB27-FDC2	3	FLAT DUST COVER
HB27-FDC4	3	FLAT DUST COVER
HB27-FDC5	2	FLAT DUST COVER
HB27-FDC6	1	FLAT DUST COVER
HB27-B2	1	GRATING SUPPORT BEAMS
HB27-B3	1	GRATING SUPPORT BEAMS
HB27-B4	3	GRATING SUPPORT BEAMS
HB27-B5	1	GRATING SUPPORT BEAMS
HB27-B5X	1	GRATING SUPPORT BEAMS
HB27-F1	1	GRATING SUPPORT/SKIRT TIE
HB27-T1X	1	GRATING SUPPORT/SKIRT TIE
HB27-T2	12	GRATING SUPPORT/SKIRT TIE
HB27-T1	18	SKIRT TIE
HB27-GR1	5	GRATING
HB27-GR7	3	GRATING
HB27-GRTX	3	GRATING
HB27-GR8	2	GRATING
HB27-GR9	3	GRATING
HB27-GR10	1	GRATING
HB27-GR11	1	GRATING
HB27-GR12	1	GRATING
HB27-GR13	3	GRATING
HB27-GR14	1	GRATING
HB27-GR15	1	GRATING
HB27-G1	32	D 1 L O GUARD
HB27-G2	28	D 1 L O GUARD
HB27-G4	4	D 1 L O GUARD
HB27-TP1	1	TAIL END PLATE
HB27-C1	1	CLAMP PLATE
HB27-C2	1	CLAMP PLATE
HB27-TC1	1	RUBBER TAIL CURTAIN
HB27-RT1	1	RUBBER HEAD CURTAIN
HB28-L2	4	VERTICAL STEP LADDER
H1 - HANDRAIL	1	424 OD x 32 W.T. x 32M
K1 - KNEEPLATE	3	337 OD x 32 W.T. x 32M
R1	2	320 x 16 RUBBER x 19M

PATENTED PRODUCTS
THE SKIRT PANELS, DUST COVERS AND GUARDS SHOWN ON THIS DRAWING ARE PROTECTED BY AUSTRALIAN PATENTS. FOR FURTHER INFO CONTACT HBB MINING TEL 08 9243 1993

SCALE	1:1
DRAWN	MB
CHECKED	MB
DESIGNED	MB
DESIGN CHECK	MB
PROJECT APP	MB
AP FOR CONST	MB



CLIENT
BHP BILLITON

DRAWING TITLE
SEGMENTED SKIRTING INSTALLATION
GENERAL ARRANGEMENT SHEET 2 OF 2

PROJECT
ORE HANDLING - NEWMAN
CONVEYORS - M13

CLIENT DRG No.
H & B DRG No.
HB1828-A2

DRG NUMBER	REFERENCE DRAWING TITLE	NO	DATE	ISSUED FOR CONSTRUCTION	REVISIONS	DRN	END	APP	NO	DATE	REVISIONS	DRN	END	APP	NO	DATE	REVISIONS	
1	ISSUED FOR CONSTRUCTION																	

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H & B Mining: “The Experts in Conveyor Skirts”

H & B Mining design and supply a range of “Easy Maintenance” conveyor transfer products to the Australian mining industry with the aim of providing a safer, easier to maintain and more efficient working environment at conveyor transfer points.

H & B Mining was established in April 1993 with the promise of providing a standalone conveyor design service tailored to accommodate the mines of Australia. After witnessing maintenance crews struggling to maintain and change out poorly designed products for conveyor transfers H & B decided to expand its portfolio by developing its own range of ‘Easy Maintenance Products’ for conveyor transfer points including: conveyor idlers, conveyor skirting systems, hinged dust covers, conveyor guards, conveyor diversion plough, streamline conveyor transfer design and the retractable loading boot.

The “Easy Maintenance” conveyor product range harnesses H & B’s vast experience in the field along with the innovative design technology nurtured over the years within the H & B design team. The Australian mining industry has benefited from H & B’s toil, witnessing enhanced overall productivity, reduced shutdown time and improved safety whilst gaining cost effective mining conveyor operations. H & B Mining products have been installed as mine standard by Rio Tinto, BHP Billiton, Roy Hill and FMG, amongst others.

Easy Maintenance Segmented Skirt System for Conveyors

The development of the segmented Easy Maintenance Skirt heralds a dawn of the changing out of skirt liners from the outside of chute and skirted areas. Whilst all of the recognised Easy Maintenance features of the skirt remain, for example the skirt rubber clamping system and vertical liner adjustment, having the ability to access skirt liners externally is an enormous step forward in terms of safety and time saving.

An individual can simply inspect and change out worn or damaged liners safely and within a matter of minutes without the requirement of a confined space entry permit. By utilizing the *eco-light skirt liner* with the segmented skirt design, the combined mass of the liner and removable panel is reduced by 40% making all lifts below 20kg. The eco-light skirt liner is a cast ni-hard liner and when supplied is 100% compatible with the mine standard skirt liners. The eco-light has the same longevity and performs the same function as all standard skirt liners. This innovative step forward in skirt maintenance will make conveyor transfers safer, cleaner and more productive.