

# 1836

## DALZELL STEEL & IRON WORKS, MOTHERWELL.

Messrs Cochran & Co. (Annan) Ltd.,  
Annan.

Date 8th January 1929.

ORDER NO. PB6/1

W.O. No. 19371

MARK	TEST NO.	CHARGE NO.	DESCRIPTION	SIZES			BREAKING STRESS		Elongation Per Cent. 8 INCHES	YIELD POINT TONS PER SQ. INCH	NO. OF PIECES	SIZE
				THICKNESS	WIDTH	AREA	TONS ON PIECE	TONS PER SQ. INCH				
Furnace B crown	14674	A4161	<sup>2</sup> Boiler Plates	.82	1.52	1.246	34.0	27.2	26.0		1	10'4" Dia. x 13/16"
Boiler Ring	14686	"	"	1.11	1.44	1.589	41.7	26.1	26.0		1	10'0 1/2" Dia. x 1 1/8"
Lusset A	4482	Y5224	"	.72	1.70	1.224	36.8	30.0	29.0		1	15'1" x 28 1/2" x 23/32"
Shell bottom	4484	"	"	.73	1.52	1.109	33.4	30.1	28.0		1	27'7 1/4" x 63 3/8" x "
Blue B Pipe	14598	Y5226	"	.57	1.38	.786	22.0	28.0	29.0		1	4'6" Dia. x 9/16"
Shell crown sides	4154	A4155	"	.66	1.50	.990	26.9	27.2	32.0		3	7'3" x 57" Sk. x 21/32"
Back tube plate	4204	Y5226	"	1.05	1.48	1.554	42.3	27.2	30.0		1	10'1 1/2" x 101 1/4" Sk. x 1 1/32"
Front tube plate	4208	"	"	1.06	1.50	1.590	42.1	26.4	28.0		1	9'7" x " "
Shell A middles	3900	A4154	<sup>2</sup> "	.89	1.16	1.032	31.3	30.3	26.0		2	7'0" x 61" x 7/8"
Shell top	3404	A4151	"	.72	1.58	1.137	34.4	30.2	28.0		1	27'7 1/4" x 22 3/8" x 23/32"
Manhole B Ring	14434	Y5216	"	1.12	1.50	1.680	45.4	27.0	28.0		1	2'4" Dia. x 1.3/32"
Shell crown side	2994	X4808	"	.70	1.66	1.162	32.0	27.5	30.0		1	7'3" x 57" Sk. x 21/32"
Whole Pipes	14422	"	"	.64	1.40	.896	24.5	27.3	29.0		2	3'9" Dia. x 5/8"

For DAVID COLVILLE & SONS, LIMITED.

*afk Honeyman* Testing Supt.  
Lloyd's Register  
Foundation

W133-0135