ITEM	DRAWING No	REV	DESCRIPTION	QTY.	MASS (kg)
1	OEM-2639-25NB-SHL		25NB FLANGED FILTER	1	5.37
2	OEM-2641-SHL		25NB GATE VALVE FLANGED	1	
3	OEM-2640-25NB-SHL		25NB BALL VALVE ANSI 150 FLANGE	1	
4	OEM-2612-25NB-SHL		25NB BALL VALVE ANSI 150 FLANGE	1	
5	OEM-50-JIS5K-15		50NB JIS5K 1.5mm C-4400 GASKET	4	0
6	OEM-50-BV-L-316		50NB LUGGED BUTTERFLY VALVE 316 S/S	2	
7	OEM-50-150-15		50NB 150 Lb 1.5mm C-4040 GASKET	6	0
8	OEM-40-JIS5-3		40NB JIS 5 3.0 mm C-4430 GASKET	4	0.0
9	OEM-40-150-15		40NB ANSI 150 Lb 1.5mm C-4400 GASKET	2	0.0
10	OEM-25-150-15		25NB 150 Lb 1.5mm C-4400 GASKET	7	0
11	M12x1.75-AT-150		M12x1.75 ALL THREAD 304 S/S x 150 LONG	4	0.14
12	M12x1.75-AT-130		M12x1.75 ALL THREAD 304 S/S x 130 LONG	4	0.12
13	M12x1.75-AT-110		M12x1.75 ALL THREAD 304 S/S x 110 LONG	8	0.10
14	M12x1.75-AT-60		M12x1.75 ALL THREAD 304 S/S x 60 LONG	13	0.05
15	3974-13-50-213		PIPE W-213 ASSEMBLY	1	3.65
16	3974-13-50-212		PIPE W-212 ASSEMBLY	1	3.65
17	3974-13-50-211		PIPE W-211 ASSEMBLY	1	10.62
18	3974-13-50-210		PIPE W-210 ASSEMBLY	1	8.04
19	3974-13-50-026		PIPE W-026 ASSEMBLY	1	3.45
20	3974-13-50-025		PIPE W-025 ASSEMBLY	1	4.66
21	3974-13-50-023		PIPE W-023 ASSEMBLY	1	2.40
22	3974-13-50-022		PIPE W-022 ASSEMBLY	1	8.27
23	3974-13-50-021		PIPE W-021 ASSEMBLY	1	9.23
24	3974-13-50-019		PIPE W-019 ASSEMBLY	1	9.75
25	3974-13-50-018		PIPE W-018 ASSEMBLY	1	8.24
26	3974-13-50-017		PIPE W-017 ASSEMBLY	1	6.23
27	3974-13-50-016		PIPE W-016 ASSEMBLY	1	13.71
28	3974-13-50-015		PIPE W-015 ASSEMBLY	1	10.07
29	3974-13-50-014		PIPE W-014 ASSEMBLY	1	9.03
30	3974-13-50-013		PIPE W-013 ASSEMBLY	1	10.80
31	3974-15-50-012		PIPE W-012 ASSEMBLY	1	11.42
32	3974-13-50-011		PIPE W-011 ASSEMBLY	1	7.57
46			M16x2.0 x 70 HEX BOLT 304 S/S	12	0.2
47	OEM-50-PN16-15		50NB AS4087 PN16 1.5mm C-4400 GASKET	3	0.1
48			M12 FLAT WASHER THICK 304 S/S (24x14x2.5)	16	0.01
49	OEM-65-JIS5-3		65NB JIS5 3mm C-4430 GASKET	1	0

RED EYE QR CODE AREA

PIPEWORK MANUFACTURED OF A JIG OR ON SITE - FLANGES AS PER DRAWING
DIMENSIONS ARE APPROXIMATE

REV	NAME & DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED:
TOLERANCES: MACHINE + / - 0.25mm
FABRICATION + / - 1.0 mm

THIS DRG SUPPLIED BY
RODDY ENGINEERING
14 Waratah St, TUMUT NSW 2720
Ph: 02 6947 4039

DRAWING No. 3974-13-50
REV:

DRAWN N DE BRUYN 3/11/2025
DRAWING CHECKED
DESIGNED
DESIGN CHECKED
SCALE 1:10
WORK ORDER No
APPROVED
SECTION No/KKS
A2 SHEET SIZE

snowyhydro LIMITED

M2 POWER STATION
UNIT 13
TURBINE COOLING WATER ASSEMBLY

SMA-DRG-NO
REV
SHEET 1 OF 2

ITEM	DRAWING No	REV	DESCRIPTION	QTY.	MASS (kg)
1	OEM-2641-SHL		25NB GATE VALVE FLANGED	1	
2	OEM-2640-25NB-SHL		25NB BALL VALVE ANSI 150 FLANGE	1	
3	OEM-2639-25NB-SHL		25NB FLANGED FILTER	1	5.37
4	OEM-2612-25NB-SHL		25NB BALL VALVE ANSI 150 FLANGE	1	
5	OEM-65-JIS5-3		65NB JIS5 3mm C-4430 GASKET	1	0
6	OEM-50-PN16-15		50NB AS4087 PN16 1.5mm C-4400 GASKET	3	0.1
7	OEM-50-JIS5K-15		50NB JIS5K 1.5mm C-4400 GASKET	4	0
8	OEM-50-BV-L-316		50NB LUGGED BUTTERFLY VALVE 316 S/S	2	
9	OEM-50-150-15		50NB 150 Lb 1.5mm C-4040 GASKET	6	0
10	OEM-40-JIS5-3		40NB JIS 5 3.0 mm C-4430 GASKET	4	0.0
11	OEM-40-150-15		40NB ANSI 150 Lb 1.5mm C-4400 GASKET	2	0.0
12	OEM-25-150-15		25NB 150 Lb 1.5mm C-4400 GASKET	7	0
13	M12x1.75-AT-150		M12x1.75 ALL THREAD 304 S/S x 150 LONG	4	0.14
14	M12x1.75-AT-130		M12x1.75 ALL THREAD 304 S/S x 130 LONG	4	0.12
15	M12x1.75-AT-110		M12x1.75 ALL THREAD 304 S/S x 110 LONG	8	0.10
16	M12x1.75-AT-60		M12x1.75 ALL THREAD 304 S/S x 60 LONG	13	0.05
17	3974-15-50-012		PIPE W-012 ASSEMBLY	1	11.42
18	3974-13-50-213		PIPE W-213 ASSEMBLY	1	3.65
19	3974-13-50-212		PIPE W-212 ASSEMBLY	1	3.65
20	3974-13-50-211		PIPE W-211 ASSEMBLY	1	10.62
21	3974-13-50-210		PIPE W-210 ASSEMBLY	1	8.04
22	3974-13-50-026		PIPE W-026 ASSEMBLY	1	3.45
23	3974-13-50-025		PIPE W-025 ASSEMBLY	1	4.66
24	3974-13-50-023		PIPE W-023 ASSEMBLY	1	2.40
25	3974-13-50-022		PIPE W-022 ASSEMBLY	1	8.27
26	3974-13-50-021		PIPE W-021 ASSEMBLY	1	9.23
27	3974-13-50-019		PIPE W-019 ASSEMBLY	1	9.75
28	3974-13-50-018		PIPE W-018 ASSEMBLY	1	8.24
29	3974-13-50-017		PIPE W-017 ASSEMBLY	1	6.23
30	3974-13-50-016		PIPE W-016 ASSEMBLY	1	13.71
31	3974-13-50-015		PIPE W-015 ASSEMBLY	1	10.07
32	3974-13-50-014		PIPE W-014 ASSEMBLY	1	9.03
33	3974-13-50-013		PIPE W-013 ASSEMBLY	1	10.80
34	3974-13-50-011		PIPE W-011 ASSEMBLY	1	7.57
35			1-2 UNC x 1 1/2 " HEX BOLT ZP Gr 8	32	0.06
36			1/2" G10 EXPOY FLAT WASHER	32	0.00
37			1/2" HIGH TENSILE FLAT WASHER ZP	32	0.01
38			5/8"UNC x 1 1/2" HEX BOLT ZP Gr 8	8	0.1
39			M12 FLAT WASHER 304 S/S (24x14x1.5)	80	0.00
40			M12 FLAT WASHER THICK 304 S/S (24x14x2.5)	16	0.01
41			M12x1.75 HEX NUT 304 S/S	76	
42			M12x1.75 x 50 HEX BOLT 304 S/S	16	0.1
43			M12x1.75 x 55 HEX BOLT 304 S/S	4	0.1
44			M16 FLAT WASHER 304 S/S (30x17.5x1.5)	48	0.01
45			M16 FLAT WASHER HIGH TENSILE ZP (30x17.5x3)	8	0.01
46			M16 G10 EXPOY FLAT WASHER	8	0.00
47			M16x2.0 HEX NUT 304 S/S	24	0.06
48			M16x2.0 x 65 HEX BOLT 304 S/S	12	0.1
49			M16x2.0 x 70 HEX BOLT 304 S/S	12	0.2

RED EYE QR CODE AREA

REV	NAME & DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED:
TOLERANCES: MACHINE + / - 0.25mm
FABRICATION + / - 1.0 mm

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A2 SHEET SIZE

snowyhydro LIMITED

M2 POWER STATION
UNIT 13
TURBINE COOLING WATER ASSEMBLY

SMA-DRG-NO

REV

SHEET 2 OF 2

0,0