

Enterprise Drafting Company Pty Ltd.



982 Hunter Street Newcastle West NSW 2302

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Marks list

from: 06.08.2009 Page: 1 of 17

Cut-off list

Project	08116	Phase	4
Customer	THIESS PROCESS	Phase weight	81145.8
Object	NCIG BUFFER BIN BN01-BUFFER BIN	Revision	6
Site	Kooragang Island NSW	Delivery	TBA
Description	Feeders Tail&Support Steelwork	Blasting	
Proj.Resp	C.Velovski	Galvanization	
Department		Primary painting	Refer To Spec.
Draftman	J.DIMMOCK	Final painting	Refer To Spec.

Mark	Qty	Profile	Material	Length mm	Weight kg	Tot Wgt kg	Tot Surf. m ²	Notice
F_4000	4	700WB173	300	4978	861.2	3444.8	50.0	FRAME
Total		700WB173	300	19912		3444.8	50.0	
F_4004	4	610UB125	300	245	30.6	122.5	2.1	FRAME
F_4003	4	610UB125	300	3598	449.8	1799.0	30.5	FRAME
F_4002	2	610UB125	300	4488	561.0	1122.0	19.0	FRAME
F_4001	2	610UB125	300	4490	561.3	1122.5	19.0	FRAME
Total		610UB125	300	33328		4166.0	70.5	
F_4015	4	310UC158	300	827	130.7	522.7	6.1	HAUNCH
F_4014	4	310UC158	300	2218	350.4	1401.8	16.3	FRAME
F_4010	1	310UC158	300	3634	574.1	574.1	6.7	FRAME
F_4011	1	310UC158	300	3634	574.1	574.1	6.7	FRAME
F_4012	1	310UC158	300	3634	574.1	574.1	6.7	FRAME
F_4013	1	310UC158	300	3634	574.1	574.1	6.7	FRAME
F_4008	1	310UC158	300	4484	708.5	708.5	8.3	FRAME
F_4007	1	310UC158	300	4484	708.5	708.5	8.3	FRAME
F_4005	2	310UC158	300	4490	709.4	1418.8	16.5	FRAME
F_4006	2	310UC158	300	4490	709.4	1418.8	16.5	FRAME
Total		310UC158	300	53642		8475.5	98.7	
F_4020	4	310UC137	300	611	83.7	334.8	4.4	JACKING FRAME
F_4019	4	310UC137	300	1588	217.6	870.2	11.6	FRAME
F_4018	8	310UC137	300	2571	352.2	2817.8	37.4	FRAME
F_4017	4	310UC137	300	6879	942.4	3769.7	50.1	FRAME
F_4016	4	310UC137	300	7521	1030.4	4121.5	54.8	BEAM
Total		310UC137	300	86964		11914.1	158.3	
F_4042	1	310UC96.8	300	326	31.6	31.6	0.6	FRAME
F_4045	1	310UC96.8	300	326	31.6	31.6	0.6	FRAME
F_4043	1	310UC96.8	300	326	31.6	31.6	0.6	FRAME
F_4044	1	310UC96.8	300	326	31.6	31.6	0.6	FRAME
F_4040	2	310UC96.8	300	1265	122.5	244.9	4.3	FRAME
F_4041	2	310UC96.8	300	1265	122.5	244.9	4.3	FRAME

Subtotal						28616.4	388.4	
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Marks list

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CUTTING LIST

Project	08116	Phase	4
Customer	THIESS PROCESS	Phase weight	81145.8

Mark	Qty	Profile	Material	Length mm	Form	Deg. (b)	Deg. (a)	Tot Wgt kg	Notice	Phase
F_4096	1	250*90PFC	300	934				33.2	BEAM	
F_4097	1	250*90PFC	300	909	M		45.0	32.3	BEAM	
F_4098	1	250*90PFC	300	903	M		45.0	32.0	BEAM	
F_4099	1	250*90PFC	300	355	G	45.0	45.0	12.6	BEAM	
F_4100	1	250*90PFC	300	355	G	45.0	45.0	12.6	BEAM	
F_4101	1	250*90PFC	300	355	G	45.0	45.0	12.6	BEAM	
F_4102	1	250*90PFC	300	355	G	45.0	45.0	12.6	BEAM	
F_4103	2	250*90PFC	300	327	N		45.0	23.2	BEAM	
F_4104	2	250*90PFC	300	327	N		45.0	23.2	BEAM	
F_4105	1	200*75PFC	300	2952				67.6	BEAM	
F_4106	1	200*75PFC	300	2952				67.6	BEAM	
F_4107	1	200*75PFC	300	2946				67.5	BEAM	
F_4108	1	200*75PFC	300	2946				67.5	BEAM	
F_4109	1	200*75PFC	300	2646				60.6	BEAM	
F_4110	1	200*75PFC	300	2646				60.6	BEAM	
F_4111	1	200*75PFC	300	2571	B	19.9	19.9	58.9	STAIR	
F_4112	1	200*75PFC	300	2571	K	19.9	19.9	58.9	STAIR	
F_4113	1	200*75PFC	300	2571	K	19.9	19.9	58.9	STAIR	
F_4114	1	200*75PFC	300	2571	B	19.9	19.9	58.9	STAIR	
F_4115	1	200*75PFC	300	2444				56.0	FRAME	
F_4116	1	200*75PFC	300	2177	C	19.9	25.1	49.9	STAIR	
F_4117	1	200*75PFC	300	2177	C	25.1	19.9	49.9	STAIR	
F_4118	4	200*75PFC	300	1635				149.8	FRAME	See drawing
F_4119	1	200*75PFC	300	1635				37.4	FRAME	See drawing
F_4120	4	200*75PFC	300	1590				145.6	FRAME	See drawing

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Marks list from: **06.08.2009** Page: **2** of **3** **All bolts**

Project	08116	Phase	4
Customer	THIESS PROCESS	Phase weight	81145.8

NR	Qty	Designation	DIN	Strength	Surf.	Weight kg	Tot. wgt kg	Notice
Carry-over							53.35	
31	124	NUT16	934	A4/316		0.035	4.34	
32	448	NUT16	934	A4/304		0.035	15.68	
33	26	M16*60	1252	8.8/TB		0.136	3.54	
34	100	M16*65	1252	8.8/TB		0.144	14.40	
35	370	M20*70	1252	8.8/TB		0.260	96.20	
36	2	M20*75	1252	8.8/S		0.272	0.54	
37	156	M20*75	1252	8.8/TB		0.272	42.43	
38	126	M20*80	1252	8.8/TB		0.284	35.78	
39	16	M20*85	1252	8.8/TB		0.297	4.75	
40	128	M20*90	1252	8.8/TB		0.309	39.55	
41	16	M20*100	1252	8.8/TB		0.334	5.34	
42	76	M20*110	1252	8.8/TB		0.358	27.21	
43	16	M20*120	1252	8.8/TB		0.383	6.13	
44	4	M20*130	1252	8.8/TB		0.408	1.63	
45	120	M24*90	1252	8.8/TB		0.485	58.20	
46	64	M24*130	1252	8.8/TB		0.627	40.13	
47	24	M24*160	1252	8.8/TB		0.734	17.62	
48	64	M30*140	1252	8.8/TB		1.086	69.50	
49	40	M36*190	1252	8.8/TB		2.048	81.92	
50	16	M42*240	1252	8.8/TB		0.000	0.00	
51	126	NUT16	1252	8.8		0.049	6.17	
52	894	NUT20	1252	8.8		0.081	72.41	
53	208	NUT24	1252	8.8		0.173	35.98	
54	64	NUT30	1252	8.8		0.316	20.22	
55	40	NUT36	1252	8.8		0.546	21.84	
56	126	WASHER16	1252	8.8		0.023	2.90	
57	226	WASHER16	1252	8.8		0.023	5.20	
58	1392	WASHER20	1252	8.8		0.029	40.37	
59	894	WASHER20	1252	8.8		0.029	25.93	
60	208	WASHER24	1252	8.8		0.051	10.61	
61	208	WASHER24	1252	8.8		0.051	10.61	
62	64	WASHER30	1252	8.8		0.070	4.48	
63	64	WASHER30	1252	8.8		0.070	4.48	
64	40	WASHER36	1252	8.8		0.103	4.12	
65	40	WASHER36	1252	8.8		0.103	4.12	

Subtotal	887.69
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Structure list from: **06.08.2009** Page: **1** of **41** **Assemblies list**

Project	08116	Phase	4
Customer	THIESS PROCESS	Phase weight	81145.8
Object	NCIG BUFFER BIN BN01-BUFFER BIN	Revision	6
Site	Kooragang Island NSW	Delivery	TBA
Description	Feeders Tail&Support Steelwork	Blasting	
Proj.Resp	C.Velovski	Galvanization	
Department		Primary painting	Refer To Spec.
Draftman	J.DIMMOCK	Final painting	Refer To Spec.

Mark	Qty	Profile	Material	Length mm	Weight kg	Tot Wgt kg	Tot Surf. m ²	Notice
A4_300	4	BEAM		7521	1224.4	4897.8	61.9	BEAM
F_4016	1	310UC137	300	7521	1030.4	1030.4	13.7	BEAM
F_4415	1	PL36*122	250	5629	194.1	194.1	1.8	PLATE
A4_301	1	BEAM		2940	114.9	114.9	2.7	BEAM
F_4062	1	250*90PFC	300	2940	104.4	104.4	2.5	BEAM
F_4440	2	FL10*100	350	238	1.9	3.7	0.1	PLATE
F_4454	4	FL10*90	350	140	1.0	4.0	0.1	PLATE
F_4456	2	PL10*82	350	220	1.4	2.8	0.1	PLATE
A4_302	1	BEAM		2934	114.7	114.7	2.7	BEAM
F_4063	1	250*90PFC	300	2934	104.2	104.2	2.4	BEAM
F_4440	2	FL10*100	350	238	1.9	3.7	0.1	PLATE
F_4454	4	FL10*90	350	140	1.0	4.0	0.1	PLATE
F_4456	2	PL10*82	350	220	1.4	2.8	0.1	PLATE
A4_303	1	BEAM		2634	104.0	104.0	2.5	BEAM
F_4064	1	250*90PFC	300	2634	93.5	93.5	2.2	BEAM
F_4440	2	FL10*100	350	238	1.9	3.7	0.1	PLATE
F_4454	4	FL10*90	350	140	1.0	4.0	0.1	PLATE
F_4456	2	PL10*82	350	220	1.4	2.8	0.1	PLATE
A4_304	1	BEAM		2954	144.7	144.7	3.4	BEAM
F_4082	1	250*90PFC	300	1216	43.2	43.2	1.0	BEAM
F_4085	1	250*90PFC	300	1016	36.1	36.1	0.8	BEAM
F_4098	1	250*90PFC	300	903	32.0	32.0	0.8	BEAM
F_4100	1	250*90PFC	300	355	12.6	12.6	0.3	BEAM
F_4101	1	250*90PFC	300	355	12.6	12.6	0.3	BEAM
F_4440	1	FL10*100	350	238	1.9	1.9	0.1	PLATE
F_4454	5	FL10*90	350	140	1.0	4.9	0.1	PLATE
F_4456	1	PL10*82	350	220	1.4	1.4	0.0	PLATE

Subtotal		5376.1	73.3	
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Stucture list from: **06.08.2009** Page: **5** of **49** **Members distribution lists**

Project	08116	Phase	4
Customer	THIESS PROCESS	Phase weight	81145.8

Mark	Qty	Profile	Material	Length mm	Weight kg	Tot Wgt kg	Tot Surf. m ²	Notice
Carry-over						39746.5	618.7	
F_4053	2	200UC59.5	300	2506	149.1	298.2	6.1	BRACING
	1	[Per 1] on mark	A4_400	[1 x]				FRAME
	1	[Per 1] on mark	A4_401	[1 x]				FRAME
F_4054	8	200UC59.5	300	1869	111.2	889.6	18.2	FRAME
	4	[Per 2] on mark	A4_418	[2 x]				FRAME
	2	[Per 2] on mark	A4_419	[1 x]				FRAME
	2	[Per 2] on mark	A4_420	[1 x]				FRAME
F_4055	8	200UC59.5	300	417	24.8	198.6	4.1	FRAME
	4	[Per 2] on mark	A4_418	[2 x]				FRAME
	2	[Per 2] on mark	A4_419	[1 x]				FRAME
	2	[Per 2] on mark	A4_420	[1 x]				FRAME
F_4056	10	200UC46.2	300	2249	103.9	1039.0	26.5	FRAME
	1	[Per 1] on mark	A4_404	[1 x]				FRAME
	1	[Per 1] on mark	A4_405	[1 x]				FRAME
	1	[Per 1] on mark	A4_406	[1 x]				FRAME
	1	[Per 1] on mark	A4_407	[1 x]				FRAME
	1	[Per 1] on mark	A4_408	[1 x]				FRAME
	1	[Per 1] on mark	A4_409	[1 x]				FRAME
	1	[Per 1] on mark	A4_410	[1 x]				FRAME
	1	[Per 1] on mark	A4_411	[1 x]				FRAME
	1	[Per 1] on mark	A4_412	[1 x]				FRAME
	1	[Per 1] on mark	A4_413	[1 x]				FRAME
F_4057	2	200UC46.2	300	2249	103.9	207.8	5.3	FRAME
	1	[Per 1] on mark	A4_404	[1 x]				FRAME
	1	[Per 1] on mark	A4_405	[1 x]				FRAME
Subtotal						42379.8	678.9	