

TERMS & CONDITIONS OF THE CONTRACT**Example of Standard Hours for BMG work**

SL. NO.	ITEMS/NAME OF CASTING	DRAWING NO.	DESPATCH WT (MT)	MAT. GRADE	USW	SSW	SW
1	A BRACKET (PORT) IN BOARD ARM	1113-01	7.320	GOST 977-88R-	22	12	6
2	A BRACKET (STBD) IN BOARD ARM	1113-01	7.320	GOST 977-88R-	22	12	6
3	A BRACKET (PORT) OUT BOARD ARM	1113-01	8.050	GOST 977-88R-	24	12	6
4	A BRACKET (STBD) OUT BOARD ARM	1113-01	8.050	GOST 977-88R-	24	12	6
5	A BRACKET (PORT) BARREL	1113-01	8.250	GOST 977-88R-	32	18	12
6	A BRACKET (STBD) BARREL	1113-01	7.830	GOST 977-88R-	32	18	10
7	DOWNSTREAM SPACER FLANGE CASTING	2.216.05.19705 R00	10.130	AA 19521 R08	40	24	12
8	DS BODY	0.212.01.18803 R05	38.000	ASTM 148 GR 80-5 R 00	160	98	52
9	DS BODY	0.212.01.19703 R00	37.950	ASTM 148 GR 80-5 R 00	160	98	52
10	OUTER CASING LH	1.301.01.10285 R00 V01	4.408	HY 19570 R08	18	10	6
11	OUTER CASING LH	1.301.01.10294 R00 V01	4.408	HY 19570 R08	18	10	6
12	OUTER CASING UH	1.301.01.10285 R00 V00	6.190	HY 19570 R08	24	16	8
13	OUTER CASING UH	1.301.01.10294 R00 V00	6.190	HY 19570 R08	24	16	8
14	OUTER CASING LH	1.301.01.10332 R00 V01	4.818	HY 19570 R08	20	12	6
15	OUTER CASING UH	1.301.01.10332 R00 V00	6.640	HY 19570 R08	28	16	8
16	SPHERICAL VALVE DOOR (BORE.3000MM)	0.212.01.19704 R00	58.800	ASTM 148 GR 80-5 R 00	238	130	78
17	SV BODY (FOR O. CSG 10285)	2-301-01-10009 V00 R00	1.120	HY 19570 R08	6	2	1
18	SV BODY (FOR O. CSG 10294)	2-301-01-10009 V00 R00	1.120	HY 19570 R08	6	2	1
19	SV BODY (FOR O. CSG 10332)	2-301-01-10009 V00 R00	1.120	HY 19570 R08	6	2	1
20	UPSTREAM SPACER FLANGE CASTING	1.216.01.19708 R00	22.460	AA 19521 R08	92	48	30
21	HP INNER CASING LH	0.105.02.09901 R13	11.270	HW 19581 R04	58	30	20
22	HP INNER CASING UH	0.105.02.09901 R13	11.270	HW 19581 R04	58	30	20
23	HP OUTER CASING - Exhaust End	0.105.27.56901 R04	27.800	HW 19581 R04	140	76	46
24	OUTER CASING LH	1.301.01.10221 R01 V01	27.250	HY 19573 R08	138	74	44
25	OUTER CASING UH	1.301.01.10221 R01 V00	30.050	HY 19573 R08	152	82	50
26	OUTER CASING LH	1.301.01.10244 R01 V01	7.621	HY 19573 R08	38	22	12
27	OUTER CASING UH	1.301.01.10244 R01 V00	9.008	HY 19573 R08	44	24	16
28	OUTER CASING LH	1.301.01.10339 R00 V01	12.745	HY 19573 R08	64	36	20
29	OUTER CASING UH	1.301.01.10339 R00 V00	13.720	HY 19573 R08	70	36	24
30	OUTER CASING LH	1.301.01.10341 R00 V01	15.500	HY 19573 R08	78	42	26
31	OUTER CASING UH	1.301.01.10341 R00 V00	16.425	HY 19573 R08	84	44	28
32	OUTER CASING LH	1.301.01.10346 R00 V01	12.850	HY 19573 R08	64	36	20
33	OUTER CASING UH	1.301.01.10346 R00 V00	12.925	HY 19573 R08	64	36	20
34	OUTER CASING LH	1.301.01.10347 R00 V01	5.301	HY 19573 R08	28	12	10
35	OUTER CASING UH	1.301.01.10347 R00 V00	5.636	HY 19573 R08	28	16	10
36	OUTER CASING UH	1.301.01.10342 R00 V00	5.465	HY 19571 R08	28	16	10
37	OUTER CASING LH	1.301.01.10342 R00 V01	5.075	HY 19571 R08	26	14	8
38	SV BODY (FOR O. CSG 10221)	2.301.01.10040	2.030	HY 19573 R08	10	6	4

Example of Standard Hours for BMG Work

SL. NO.	ITEMS/NAME OF CASTING	DRAWING NO.	DESPATCH WT (MT)	MAT. GRADE	USW	SSW	SW
40	SV BODY (FOR O. CSG 10244)	1.301.01.10196 R00 V00	2.190	HY 19573 R08	12	6	4
41	SV BODY (FOR O. CSG 10339)	1.301.01.10196 R00 V04	2.275	HY 19573 R08	12	6	4
42	SV BODY (FOR O. CSG 10341)	1.301.01.10196 R04 V04	2.275	HY 19573 R08	12	6	4
43	SV BODY (FOR O. CSG 10346)	1.301.01.10196 R00 V04	2.275	HY 19573 R08	12	6	4
44	SV BODY (FOR O. CSG 10347)	1.301.01.10034 R02 V00	0.956	HY 19573 R08	6	4	2
45	SV BODY (FOR O. CSG 10342)	2-301-01-10009 V01 R02	1.120	HY 19571 R08	6	4	2
46	BEND PIPE (FOR O.CSG 10221)	1.301.01.10221 R01 V00	0.235	HY 19573 R08	2	2	1
47	CONTROL VALVE CHAMBER	1.301.01.10221 R01 V00	6.820	HY 19573 R08	42	20	14
48	IP VALVE COVER (Sup. Crit.)	2.113.20.56901 R00 V00	4.820	HW 19683 R01	18	10	6
49	SS BODY SEALING RING CASTING	3.212.01.19702 R00	5.814	ASTMA743CA6NM R0	22	12	6
50	SS MAINTENANCE SEAT RING (2 RINGS IN 1)	2.216.01.19705 R00	15.315	ASTMA743CA6NM R0	60	28	20
51	SS SEAT RING (2 RINGS IN 1 CYLINDER)	2.216.01.19704 R00	6.628	ASTMA743CA6NM R0	28	10	10
52	UPPER ROTATING LABYRINTH	3.204.07.19701 R00	8.606	ASTMA743CA6NM R0	36	16	10
53	GUIDE VANE	0.203.01.19305	0.975	ASTMA743CA6NM R0	8	4	2
54	HP INNER CASING (Sup. Crit.) UH	0.105.02.56901 R04 V01	20.300	HW 19683 R01	152	82	50
55	HP INNER CASING (Sup. Crit.) LH	0.105.02.56901 R04 V01	20.300	HW 19683 R01	152	82	50
56	HP OUTER CASING - Inlet End	0.105.26.30901 R00	37.600	HW 19688 R02	282	154	94
57	IP INNER CASING (Sup. Crit.) LH	0.106.02.30901 R00 V00	39.400	HW 19683 R01	296	160	98
58	IP INNER CASING (Sup. Crit.) UH	0.106.02.30901 R00 V00	35.900	HW 19683 R01	270	146	88
59	IP INNER CASING (Sup. Crit.) LH	0.106.02.56901 R00	32.511	HW 19683 R01	244	132	80
60	IP INNER CASING (Sup. Crit.) UH	0.106.02.56901 R00	29.104	HW 19683 R01	218	118	72
61	IP INNER CASING (Sup. Crit.) LH	0.106.02.58901 R00 V01	37.700	HW 19688 R02	283	154	94
62	IP INNER CASING (Sup. Crit.) UH	0.106.02.58901 R00 V01	34.200	HW 19688 R02	258	140	84
63	IP VALVE CASING (Sup. Crit.)	0.113.21.31901 R00 V00	12.702	HW 19683 R02	96	52	32
64	IP VALVE CASING (Sup. Crit.)	0.113.21.31902 R00 V00	12.580	HW 19683 R02	96	52	32
65	IP VALVE CASING (Sup. Crit.)	0.113.21.56901 R02 V00	12.696	HW 19683 R01	96	52	32
66	IP VALVE CASING (Sup. Crit.)	0.113.21.56902 R01 V00	12.580	HW 19683 R01	96	52	32
67	IP INNER CASING MIDDLE PART UH	0.106.02.60905 R00	8.750	HW 19688 R02	66	36	22
68	FRANCIS RUNNER INTEGRAL CASTING	0.204.07.20403 R00	10.550	ASTMA743CA6NM R0	136	74	44
69	FRANCIS RUNNER INTEGRAL CASTING	1.204.07.20301 R00	11.600	ASTMA743CA6NM R0	150	82	50
70	HP VALVE CASING (Sup. Crit.)	0.112.22.30901 R00 V01	21.700	HW 19688 R02	280	152	92
71	HP VALVE CASING (Sup. Crit.)	0.112.22.30901 R01 V00	21.700	HW 19688 R02	280	152	92
72	HP VALVE CASING (Sup. Crit.)	0.112.22.56901 V00 R02	15.699	HW 19683 R01	202	110	66
73	HP VALVE CASING (Sup. Crit.)	0.112.22.56901 V01 R02	15.699	HW 19683 R01	202	110	66
74	HP VALVE CASING (Sup. Crit.)	0.112.22.59901 R01 V00	15.600	HW 19688 R02	202	110	66
75	HP VALVE CASING (Sup. Crit.)	0.112.22.59901 R01 V01	15.600	HW 19688 R02	202	110	66
76	IMPELLER BLADE	0.204.07.20103 R00	1.465	ASTMA743CA6NM R0	20	10	6
77	RUNNER BLADE	2.204.07.19702 R00	0.760	ASTMA743CA6NM R0	10	6	4

Example of Standard Hours for Fettling Work

SL. NO.	ITEMS	DRAWING NO.	DESPATCH WT (MT)	MAT. GRADE	USW	SSW	SW
1	BEND PIPE (FOR O.CSG 10221)	1.301.01.10221 R01 V00	0.235	HY 19573 R08	8	4	1
2	SV BODY (FOR O. CSG 10347)	1.301.01.10034 R02 V00	0.956	HY 19573 R08	32	14	8
3	SV BODY (FOR O. CSG 10342)	2-301-01-10009 V01 R02	1.120	HY 19571 R08	42	14	8
4	SV BODY (FOR O. CSG 10221)	2.301.01.10040	2.030	HY 19573 R08	72	28	14
5	SV BODY (FOR O. CSG 10244)	1.301.01.10196 R00 V00	2.190	HY 19573 R08	78	30	16
6	SV BODY (FOR O. CSG 10339)	1.301.01.10196 R00 V04	2.275	HY 19573 R08	82	30	16
7	OUTER CASING LH	1.301.01.10285 R00 V01	4.408	HY 19570 R08	156	58	32
8	OUTER CASING LH	1.301.01.10294 R00 V01	4.408	HY 19570 R08	156	58	32
9	OUTER CASING LH	1.301.01.10332 R00 V01	4.818	HY 19570 R08	170	64	36
10	IP VALVE COVER (Sup. Crit.)	2.113.20.56901 R00 V00	4.820	HW 19683 R01	24	8	4
11	OUTER CASING LH	1.301.01.10342 R00 V01	5.075	HY 19571 R08	180	68	36
12	OUTER CASING LH	1.301.01.10347 R00 V01	5.301	HY 19573 R08	190	70	38
13	OUTER CASING UH	1.301.01.10342 R00 V00	5.465	HY 19571 R08	192	72	40
14	OUTER CASING UH	1.301.01.10347 R00 V00	5.636	HY 19573 R08	200	74	40
15	SS BODY SEALING RING CASTING	3.212.01.19702 R00	5.814	ASTMA743CA6NM R0	22	8	6
16	OUTER CASING UH	1.301.01.10285 R00 V00	6.190	HY 19570 R08	220	82	44
17	OUTER CASING UH	1.301.01.10294 R00 V00	6.190	HY 19570 R08	220	82	44
18	SS SEAT RING (2 RINGS IN 1 CYLINDER)	2.216.01.19704 R00	6.628	ASTMA743CA6NM R0	24	10	6
19	OUTER CASING UH	1.301.01.10332 R00 V00	6.640	HY 19570 R08	236	88	48
20	CONTROL VALVE CHAMBER	1.301.01.10221 R01 V00	6.820	HY 19573 R08	242	90	50
21	A BRACKET (PORT) IN BOARD ARM	1113-01	7.320	GOST 977-88R-	260	96	54
22	A BRACKET (STBD) IN BOARD ARM	1113-01	7.320	GOST 977-88R-	260	96	54
23	OUTER CASING LH	1.301.01.10244 R01 V01	7.621	HY 19573 R08	270	100	56
24	A BRACKET (STBD) BARREL	1113-01	7.830	GOST 977-88R-	276	104	56
25	A BRACKET (PORT) OUT BOARD ARM	1113-01	8.050	GOST 977-88R-	284	106	58
26	A BRACKET (STBD) OUT BOARD ARM	1113-01	8.050	GOST 977-88R-	284	106	58
27	A BRACKET (PORT) BARREL	1113-01	8.250	GOST 977-88R-	292	108	60
28	UPPER ROTATING LABYRINTH	3.204.07.19701 R00	8.606	ASTMA743CA6NM R0	32	12	8
29	IP INNER CASING MIDDLE PART UH	0.106.02.60905 R00	8.750	HW 19688 R02	316	115	64
30	OUTER CASING UH	1.301.01.10244 R01 V00	9.008	HY 19573 R08	324	118	64
31	DOWNSTREAM SPACER FLANGE CASTING	2.216.05.19705 R00	10.130	AA 19521 R08	210	75	42

Example of Standard Hours for Fettling Work

SL. NO.	ITEMS	DRAWING NO.	DESPATCH WT (MT)	MAT. GRADE	USW	SSW	SW
32	HP INNER CASING LH	0.105.02.09901 R13	11.270	HW 19581 R04	224	84	44
33	HP INNER CASING LH	0.105.02.09901 R13	11.270	HW 19581 R04	224	84	44
34	IP VALVE CASING (Sup. Crit.)	0.113.21.31902 R00 V00	12.580	HW 19683 R02	424	158	86
35	IP VALVE CASING (Sup. Crit.)	0.113.21.56902 R01 V00	12.580	HW 19683 R01	424	158	86
36	IP VALVE CASING (Sup. Crit.)	0.113.21.56901 R02 V00	12.696	HW 19683 R01	430	160	88
37	IP VALVE CASING (Sup. Crit.)	0.113.21.31901 R00 V00	12.702	HW 19683 R02	430	160	88
38	OUTER CASING LH	1.301.01.10339 R00 V01	12.745	HY 19573 R08	434	160	88
39	OUTER CASING LH	1.301.01.10346 R00 V01	12.850	HY 19573 R08	436	162	88
40	OUTER CASING UH	1.301.01.10346 R00 V00	12.925	HY 19573 R08	524	172	94
41	OUTER CASING UH	1.301.01.10339 R00 V00	13.720	HY 19573 R08	464	172	94
42	SS MAINTENANCE SEAT RING (2 RINGS IN 1)	2.216.01.19705 R00	15.315	ASTMA743CA6NM R0	64	22	12
43	OUTER CASING LH	1.301.01.10341 R00 V01	15.500	HY 19573 R08	524	194	106
44	HP VALVE CASING (Sup. Crit.)	0.112.22.59901 R01 V00	15.600	HW 19688 R02	524	196	108
45	HP VALVE CASING (Sup. Crit.)	0.112.22.59901 R01 V01	15.600	HW 19688 R02	524	196	108
46	HP VALVE CASING (Sup. Crit.)	0.112.22.56901 V00 R02	15.699	HW 19683 R01	532	198	108
47	HP VALVE CASING (Sup. Crit.)	0.112.22.56901 V01 R02	15.699	HW 19683 R01	532	198	108
48	OUTER CASING UH	1.301.01.10341 R00 V00	16.425	HY 19573 R08	840	308	168
49	HP INNER CASING (Sup. Crit.) UH	0.105.02.56901 R04 V01	20.300	HW 19683 R01	340	122	68
50	HP INNER CASING (Sup. Crit.) LH	0.105.02.56901 R04 V01	20.300	HW 19683 R01	340	122	68
51	HP VALVE CASING (Sup. Crit.)	0.112.22.30901 R00 V01	21.700	HW 19688 R02	590	222	120
52	HP VALVE CASING (Sup. Crit.)	0.112.22.30901 R01 V00	21.700	HW 19688 R02	592	222	120
53	UPSTREAM SPACER FLANGE CASTING	1.216.01.19708 R00	22.460	AA 19521 R08	88	32	18
54	OUTER CASING LH	1.301.01.10221 R01 V01	27.250	HY 19573 R08	744	278	152
55	OUTER CASING UH	1.301.01.10221 R01 V00	30.050	HY 19573 R08	840	308	168
56	HP OUTER CASING - Exhaust End	0.105.27.56901 R04	27.800	HW 19581 R04	764	284	154
57	IP INNER CASING (Sup. Crit.) UH	0.106.02.56901 R00	29.104	HW 19683 R01	820	296	162
58	IP INNER CASING (Sup. Crit.) LH	0.106.02.56901 R00	32.511	HW 19683 R01	900	334	182
59	IP INNER CASING (Sup. Crit.) LH	0.106.02.58901 R00 V01	37.700	HW 19688 R02	1032	896	212
60	IP INNER CASING (Sup. Crit.) UH	0.106.02.58901 R00 V01	34.200	HW 19688 R02	954	350	192
61	IP INNER CASING (Sup. Crit.) UH	0.106.02.30901 R00 V00	35.900	HW 19683 R01	982	388	200
62	IP INNER CASING (Sup. Crit.) LH	0.106.02.30901 R00 V00	39.400	HW 19683 R01	1078	440	222
63	HP OUTER CASING - Inlet End	0.105.26.30901 R00	37.600	HW 19688 R02	1028	896	212