



Operations Monthly Informatics

MARCH'23

OPERATIONS DIRECTORATE

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SAIL Performance Summary: Mar'23

Mar'23:

Hot Metal production during Mar'23 was 1.865 MT (100% of APP), Crude Steel production was 1.752 MT (99% of APP) and Saleable Steel production was 1.660 MT (98% of APP).

Unit: '000 T

Item	Mar'23			Mar'22 Act.	% Gr. w.r.t. Mar'22
	APP	Actual	% Ful. w.r.t. APP		
Hot Metal	1858	1865	100	1770	5
Crude Steel	1775	1752	99	1652	6
Saleable Steel	1702	1660	98	1597	4
Production of Iron and Steel	1720	1694	99	1642	3

Highlights for Mar'23:

- Hot Metal production was 1.865 MT, Best Month Production since inception (Prev. best: 1.800 MT in Jan'23)
- Crude Steel production was 1.752 MT, Best Month Production since inception (Prev. best: 1.724 MT in Jan'23)
- Saleable Steel production was 1.660 MT, Best Month Production since inception (Prev. best: 1.612 MT in Jan'23)

Apr-Mar'23:

Hot Metal production during Apr-Mar'23 was 19.409 MT (92% of APP), Crude Steel production was 18.291 MT (91% of APP) and Saleable Steel production was 17.246 MT (90% of APP).

Unit: '000 T

Item	Apr-Mar'23			Apr- Mar'22 Act.	% Gr. w.r.t. Apr- Mar'22
	ABP	Actual	% ful. w.r.t. APP		
Hot Metal	21145	19409	92	18733	4
Crude Steel	20012	18291	91	17366	5
Saleable Steel	19131	17246	90	16896	2
Production of Iron and Steel	19517	17614	90	17459	1

Highlights for Apr-Mar'23:

SAIL has achieved best ever Annual performance during Apr-Mar'23 in the following:

- Hot Metal production was 19.409 MT, Best Annual Production since inception (Prev. best: 18.733 MT in Apr-Mar'22)
- Crude Steel production was 18.291 MT, Best Annual Production since inception (Prev. best: 17.366 MT in Apr-Mar'22)
- Saleable Steel production was 17.246 MT, Best Annual Production since inception (Prev. best: 16.896 MT in Apr-Mar'22)

TE parameters performance:

Parameter	Target 2022-23	Q-1' 22-23	Q-2' 22-23	Q-3' 22-23	Mar'23	Q-4' 22-23	Apr- Mar'23	Apr- Mar'22
Coke Rate (kg/thm)	423	442	459	443	434	437	444	445
CDI (kg/thm)	106	92	86	102	108	104	97	85
BF Productivity (t/m ³ /day)	1.96	1.83	1.77	1.81	1.95	1.91	1.84	1.79
Specific Energy consumption (Gcal/tcs)	6.19	6.43	6.45	6.36	6.15	6.23	6.36	6.36

SAIL: Production Performance during Mar'23 and Apr-Mar'23

w.r.t APP
Unit:'000 T

Items	Plant	APP 2022-23	Mar'23			Mar-22 Actual	% Gr. over Mar-22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
			APP	Actual	% Ful.			APP	Actual	% Ful.		
OVEN PUSHING (Nos./day)	BSP	800	817	806	99	750	7	800	709	89	713	-1
	DSP	337	343	345	101	348	-1	337	335	99	336	0
	RSP	524	522	517	99	534	-3	524	519	99	519	0
	BSL	510	510	516	101	495	4	510	492	97	460	7
	ISP	281	281	280	100	279	0	281	268	95	275	-3
	SAIL	2451	2472	2464	100	2406	2	2451	2323	95	2304	1
SINTER	BSP	9050	794	760	96	760	0	9050	8032	89	7894	2
	DSP	3500	312	362	116	339	7	3500	3778	108	3464	9
	RSP	7000	611	632	103	637	-1	7000	7012	100	7009	0
	BSL	6475	499	580	116	564	3	6475	6358	98	6121	4
	ISP	4270	379	384	101	407	-6	4270	4397	103	4278	3
	SAIL	30295	2595	2719	105	2707	0	30295	29577	98	28765	3
HOT METAL	BSP	6400	566	546	96	477	14	6400	5422	85	5286	3
	DSP	2565	227	240	106	235	2	2565	2568	100	2439	5
	RSP	4500	393	400	102	409	-2	4500	4310	96	4337	-1
	BSL	5000	433	436	101	410	6	5000	4517	90	4265	6
	ISP	2680	239	243	102	238	2	2680	2592	97	2407	8
	5 Plants	21145	1858	1865	100	1770	5	21145	19409	92	18733	4
	SAIL	21145	1858	1865	100	1770	5	21145	19409	92	18733	4
CRUDE STEEL	BSP	6000	534	518	97	454	14	6000	5181	86	4876	6
	DSP	2352	208	216	104	218	-1	2352	2295	98	2231	3
	RSP	4200	374	370	99	369	0	4200	4039	96	3987	1
	BSL	4725	416	402	97	372	8	4725	4117	87	3834	7
	ISP	2500	224	226	101	220	2	2500	2422	97	2228	9
	5 Plants	19777	1756	1731	99	1633	6	19777	18055	91	17155	5
	ASP	91	7.726	9.333	121	7.725	21	90.977	96.114	106	92.278	4
	SAIL	20012	1775	1752	99	1652	6	20012	18291	91	17366	5
SALEABLE STEEL	BSP	5600	510	483	95	456	6	5600	4823	86	4666	3
	DSP	2254	199	204	103	208	-2	2254	2185	97	2124	3
	RSP	4000	342	338	99	350	-3	4000	3772	94	3666	3
	BSL	4363	392	381	97	333	14	4363	3843	88	3827	0
	ISP	2410	215	214	100	210	2	2410	2315	96	2160	7
	5 Plants	18627	1658	1620	98	1557	4	18627	16938	91	16445	3
	ASP	118	10.065	10.633	106	9.710	10	117.544	101.852	87	108.899	-6
	SAIL	19131	1702	1660	98	1597	4	19131	17246	90	16896	2
PIG IRON	BSP	140	9	2	20	1	232	140	35	25	139	-75
	DSP	20	2	5	301	2	133	20	51	259	22	134
	RSP	131	6	13	214	24	-45	131	115	88	205	-44
	BSL	72	0	13	4416	15	-12	72	151	209	164	-8
	ISP	23	1	1	101	3	-70	23	16	69	34	-54
	5 Plants	386	18	34	190	45	-23	386	368	95	564	-35
SAIL	386	18	34	190	45	-23	386	368	95	564	-35	
PRODUCTION OF IRON & STEEL	BSP	5740	519	485	93	456	6	5740	4858	85	4805	1
	DSP	2274	200	209	104	210	-1	2274	2236	98	2146	4
	RSP	4131	348	351	101	373	-6	4131	3887	94	3871	0
	BSL	4435	392	394	101	348	13	4435	3994	90	3991	0
	ISP	2433	216	215	100	214	1	2433	2331	96	2195	6
	5 Plants	19013	1676	1654	99	1602	3	19013	17306	91	17008	2
	ASP	118	10	11	106	10	10	118	102	87	109	-6
	SAIL	19517	1720	1694	99	1642	3	19517	17614	90	17459	1

PLANT-WISE PRODUCTION PERFORMANCE :Mar'23

Unit:000 T

		2022-23	Mar'23			Mar'22	% Growth over Mar'22	Apr-Mar'23			Apr-Mar'22	% Growth over Apr-Mar'22
		Plan	Plan	Actual	% Ful	Act		Plan	Actual	% Ful	Act	
SAIL	Oven Pushing(nos/d)	2451	2472	2464	100	2406	2	2451	2323	95	2304	1
	Sinter	30295	2595	2719	105	2707	0	30295	29577	98	28765	3
	Hot Metal	21145	1858	1865	100	1770	5	21145	19409	92	18733	4
	Ingot	127	8	14	169	14	4	127	145	114	198	-27
	Concast	19885	1767	1737	98	1639	6	19885	18146	91	17168	6
	Crude Steel(Tot)	20012	1775	1752	99	1652	6	20012	18291	91	17366	5
	Saleable Steel	19131	1702	1660	98	1597	4	19131	17246	90	16896	2
	Finished Steel	16210	1468	1444	98	1369	6	16210	14969	92	13724	9
	Semi-finished steel	2921	234	216	92	228	-5	2921	2277	78	3171	-28
	HR Coils rolling (Tot)	7081	585	621	106	702	-12	7081	6533	92	5961	10
	Pig Iron	386	18	34	190	45	-23	386	368	95	564	-35
BSP	Oven Pushing(nos/d)	800	817	806	99	750	7	800	709	89	713	-1
	Sinter Plant-II	2750	245	222	90	242	-9	2750	2601	95	2628	-1
	Sinter plant-III	6300	549	538	98	517	4	6300	5431	86	5265	3
	Sinter (Tot)	9050	794	760	96	760	0	9050	8032	89	7894	2
	Hot Metal	6400	566	546	96	477	14	6400	5422	85	5286	3
	SMS-2/Concast	2800	247	206	84	193	7	2800	2123	76	2149	-1
	SMS-3/Concast	3200	287	312	109	261	20	3200	3058	96	2726	12
	Crude Steel(Tot)	6000	534	518	97	454	14	6000	5181	86	4876	6
	CC Blooms	2240	200	178	89	172	3	2240	1695	76	1794	-5
	CC slabs	1900	171	157	92	129	22	1900	1614	85	1409	15
	CC Billets	1860	163	184	113	762	-76	1860	1872	101	2283	-18
	Saleable Steel	5600	510	483	95	456	6	5600	4823	86	4666	3
	Finished Steel	4620	444	444	100	408	9	4620	4434	96	3784	17
	Semi-finished steel	980	66	39	59	48	-17	980	389	40	882	-56
	Pig Iron	140	9	2	20	1	232	140	35	25	139	-75
DSP	Oven Pushing(nos/d)	337	343	345	101	348	-1	337	335	99	336	0
	SP-I	1556	136	177	130	163	8	1556	1791	115	1640	9
	SP-II	1944	176	186	105	176	6	1944	1986	102	1824	9
	Sinter (Tot)	3500	312	362	116	339	7	3500	3778	108	3464	9
	Hot Metal	2565	227	240	106	235	2	2565	2568	100	2439	5
	Ingot	39	1	5	472	6	-21	39	47	121	58	-19
	Concast	2313	207	211	102	212	-1	2313	2248	97	2173	3
	Crude Steel(Tot)	2352	208	216	104	218	-1	2352	2295	98	2231	3
	CC Blooms	580	50	52	105	51	2	580	583	101	566	3
	CC Blooms (BRC)	633	57	59	103	62	-5	633	593	94	605	-2
	CC billets	1100	100	100	100	99	0	1100	1072	97	1001	7
	Saleable Steel	2254	199	204	103	208	-2	2254	2185	97	2124	3
	Finished Steel	1162	104	104	100	99	5	1162	1050	90	988	6
	Semi-finished steel	1092	95	100	106	109	-9	1092	1135	104	1136	0
	Pig Iron	20	2	5	301	2	133	20	51	259	22	134

PLANT-WISE PRODUCTION PERFORMANCE :Mar'23

Unit:000 T

		2022-23	Mar'23			Mar'22	% Growth over Mar'22	Apr-Mar'23			Apr-Mar'22	% Growth over Apr-Mar'22
		Plan	Plan	Actual	% Ful	Act		Plan	Actual	% Ful	Act	
RSP	Oven Pushing(nos/d)	524	522	517	99	534	-3	524	519	99	519	0
	SP-I	1400	125	132	105	131	0	1400	1293	92	1379	-6
	SP-II	1900	165	179	109	173	4	1900	2065	109	1919	8
	SP-III	3700	321	321	100	333	-4	3700	3654	99	3711	-2
	Sinter (Tot)	7000	611	632	103	637	-1	7000	7012	100	7009	0
	Hot Metal	4500	393	400	102	409	-2	4500	4310	96	4337	-1
	CCM-1(CC Slab)	485	45	41	92	43	-5	485	485	100	457	6
	CCM-2(CC Slab)	2215	199	186	94	192	-3	2215	2054	93	2085	-2
	New Caster	1500	130	142	110	133	7	1500	1500	100	1445	4
	Concast (Tot)	4200	374	370	99	369	0	4200	4039	96	3987	1
	Crude Steel(Tot)	4200	374	370	99	369	0	4200	4039	96	3987	1
	Saleable Steel	4000	342	338	99	350	-3	4000	3772	94	3666	3
	Finished Steel	4000	342	338	99	350	-3	4000	3772	94	3346	13
	Semi-finished steel	0	0	0		0		0	0		321	-100
	HR Coils Rolling (Tot)	2731	196	244	124	350	-30	2731	2634	96	2048	29
	Pig Iron	131	6	13	214	24	-45	131	115	88	205	-44
BSL	Oven Pushing(nos/d)	510	510	516	101	495	4	510	492	97	460	7
	Sinter	6475	499	580	116	564	3	6475	6358	98	6121	4
	Hot Metal	5000	433	436	101	410	6	5000	4517	90	4265	6
	SMS-1 (ingot)	0	0	0		0		0	2.640		55	-95
	SMS-1(CC slab))	975	88	73	83	61	19	975	627	64	530	18
	SMS-2	3750	328	328	100	311	6	3750	3487	93	3249	7
	Crude Steel (Tot)	4725	416	402	97	372	8	4725	4117	87	3834	7
	Slabbing Mill	0	0	0		0		0	0		114	-100
	Saleable Steel	4363	392	381	97	333	14	4363	3843	88	3827	0
	Finished Steel	4174	372	361	97	333	8	4174	3801	91	3827	-1
	Semi-finished steel	189	20	20	100	0		189	42	22	0	
	HSM rolling	4350	389	377	97	352	7	4350	3899	90	3913	0
	Pig Iron	72	0	13	4416	15	-12	72	151	209	164	-8
ISP	Oven Pushing(nos/d)	281	281	280	100	279	0	281	268	95	275	-3
	Sinter	4270	379	384	101	407	-6	4270	4397	103	4278	3
	Hot Metal	2680	239	243	102	238	2	2680	2592	97	2407	8
	Crude Steel (Total)	2500	224	226	101	220	3	2500	2422	97	2228	9
	Saleable Steel	2410	215	214	100	210	2	2410	2315	96	2160	7
	Finished Steel	1750	162	158	98	139	13	1750	1604	92	1330	21
	Semi-finished steel	660	54	57	106	71	-20	660	711	108	832	-15
	Pig Iron	23	1	1	101	3	-70	23	16	69	34	-54
ASP	Ingot steel	88	7.5	9	124	7.7	19	87.9	95	108	84.5	12
	Concast Slabs	2	0.2	0	70	0.0		1.8	1	73	1.8	-27
	Concast blooms	1	0.1	0	0	0.0		1.2	0	4	6.0	-99
	Concast (total)	3	0.3	0	40	0.0		3.0	1	46	7.8	-82
	Crude Steel(Tot)	91	7.7	9	121	7.7	21	91.0	96	106	92.3	4
	Saleable Steel	118	10.1	11	106	9.7	10	117.5	102	87	108.9	-6
SSP	Crude Steel	144	12	11	94	11	-1	144	140	97	118	19
	Saleable Steel	333	30	27	93	26	6	333	176	53	293	-40
VISP	Hot Metal	0	0	0		0		0	0		0	
	Concast	0	0	0		0		0	0		0	
	Crude Steel(Tot)	0	0	0		0		0	0		0	
	Saleable Steel	53	5	2	50	4	-44	53	29	55	49	-40
	Pig Iron	0	0	0		0		0	0		0	

MONTH-WISE PRODUCTION TREND

Items	Plant		Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total		
Open Pushing (Nos./day)	RSP	Plan	2022-23	757	787	797	781	777	782	792	784	817	817	817	817	817	817	817	817	817	800	
		Actual	2022-23	737	682	645	688	614	619	630	621	690	776	700	721	806	814	806	808	808	709	
		Actual	2021-22	708	654	722	694	713	749	705	723	702	694	706	701	713	741	750	734	734	713	
		Actual	2020-21	448	448	448	448	513	568	628	569	686	713	740	713	772	779	785	779	779	627	
		Actual	2019-20	702	681	653	679	658	655	626	646	613	609	606	609	612	652	655	639	639	644	
		Actual	2018-19	672	659	656	662	517	647	662	608	716	721	720	719	698	695	705	699	699	672	
		Actual	2017-18	663	537	525	575	593	620	616	610	607	602	605	605	622	698	677	665	665	613	
		Actual	2016-17	766	680	721	722	715	713	714	714	708	709	665	694	680	702	701	694	694	706	
		Actual	2015-16	717	716	713	715	716	745	711	724	735	758	732	741	708	741	759	736	736	729	
		Actual	2014-15	675	715	553	648	679	695	702	692	735	685	770	730	770	758	714	747	747	704	
		Actual	2013-14	633	697	723	684	728	736	742	735	743	749	750	747	727	690	749	723	723	723	
		Actual	2012-13	570	554	554	559	567	564	560	564	558	590	582	577	586	591	636	605	605	576	
		RSP	Plan	2022-23	342	342	324	336	330	324	336	330	342	343	333	339	343	343	343	343	343	343
	Actual		2022-23	346	335	318	333	317	334	339	330	348	350	324	340	333	336	345	338	348	342	336
	Actual		2021-22	349	337	316	334	326	338	334	334	330	341	341	338	339	338	348	348	347	347	308
	Actual		2020-21	231	218	238	229	280	328	332	314	341	343	342	342	346	348	347	347	347	347	308
	Actual		2019-20	316	310	312	313	331	341	311	328	309	336	340	328	336	339	321	332	332	325	325
	Actual		2018-19	319	339	323	327	313	327	323	321	333	328	327	329	317	315	328	320	320	324	
	Actual		2017-18	257	240	255	250	292	319	340	317	298	274	328	300	317	335	343	332	332	300	
	Actual		2016-17	263	262	272	265	312	329	340	327	349	335	309	331	300	300	285	295	295	305	
	Actual		2015-16	337	343	336	339	334	312	325	324	320	315	311	315	293	273	266	278	278	314	
	Actual		2014-15	319	315	306	313	302	295	315	304	298	302	301	300	320	335	340	332	332	312	
	Actual		2013-14	302	300	296	299	299	292	292	294	266	266	293	275	303	314	317	312	312	295	
	Actual		2012-13	290	291	287	290	274	265	265	268	265	264	264	264	278	305	305	296	296	279	
	RSP		Plan	2022-23	532	532	532	532	521	521	521	521	521	521	521	521	521	522	522	522	522	524
		Actual	2022-23	526	512	489	509	514	511	529	518	530	528	529	529	529	524	515	517	519	519	519
		Actual	2021-22	501	514	479	498	518	528	514	521	527	528	533	529	524	533	534	530	530	520	
		Actual	2020-21	328	315	327	323	426	466	495	463	502	502	505	503	514	518	521	518	518	452	
		Actual	2019-20	481	485	496	487	494	466	467	475	473	478	470	474	476	486	480	481	481	479	
		Actual	2018-19	432	461	456	450	440	449	470	453	477	499	499	492	506	494	491	497	497	473	
		Actual	2017-18	473	402	375	416	397	451	458	435	453	433	428	438	440	433	435	436	436	431	
		Actual	2016-17	365	376	373	371	380	376	382	379	382	428	451	421	477	465	479	474	474	411	
		Actual	2015-16	466	461	458	462	458	457	445	453	458	491	409	452	417	390	394	401	401	442	
		Actual	2014-15	500	493	466	487	460	444	482	462	449	441	473	454	449	478	495	474	469	469	
		Actual	2013-14	432	444	452	443	466	470	478	471	469	482	475	475	469	476	445	463	463	463	
		Actual	2012-13	361	361	360	361	362	360	361	361	362	361	362	362	362	362	361	361	362	361	
		BSL	Plan	2022-23	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510
	Actual		2022-23	484	482	480	482	474	481	488	481	499	503	495	499	502	507	516	508	508	492	
	Actual		2021-22	462	442	441	448	445	455	460	454	458	459	463	460	463	477	495	478	478	460	
	Actual		2020-21	318	285	286	296	348	427	446	407	484	495	497	492	498	480	491	490	490	421	
	Actual		2019-20	480	475	475	477	475	474	440	463	430	429	429	429	437	458	457	451	451	455	
	Actual		2018-19	484	453	424	454	421	434	439	431	440	443	450	444	454	470	477	467	467	449	
	Actual		2017-18	373	364	373	370	381	424	453	419	444	459	461	455	479	492	479	483	483	432	
	Actual		2016-17	387	394	392	391	401	405	400	402	400	393	380	391	379	381	383	381	391	391	
	Actual		2015-16	470	469	464	468	463	464	450	459	440	442	438	440	416	397	387	400	400	442	
Actual	2014-15		411	403	405	406	407	407	408	407	409	422	468	433	473	470	470	471	471	429		
Actual	2013-14		341	334	334	336	333	334	355	340	393	399	375	389	359	433	442	410	410	369		
Actual	2012-13		453	430	431	437	417	408	404	410	411	410	413	411	400	391	368	386	386	411		
ESP	Plan		2022-23	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	
	Actual	2022-23	273	260	239	258	251	279	279	270	280	263	264	269	270	274	280	274	280	268		
	Actual	2021-22	266	269	271	269	268	279	277	275	276	280	280	279	280	280	279	280	280	275		
	Actual	2020-21	221	223	251	231	264	280	251	265	267	262	280	270	281	281	281	281	281	262		
	Actual	2019-20	266	277	277	273	270	278	262	270	275	276	278	276	272	277	263	270	270	273		
	Actual	2018-19	260	265	264	263	265	251	237	252	252	268	267	262	275	276	276	276	276	263		
	Actual	2017-18	242	232	246	240	252	258	263	257	245	250	255	250	261	255	263	260	260	252		
	Actual	2016-17	228	245	248	240	248	243	244	245	249	249	255	251	231	235	250	239	244			
	Actual	2015-16	232	235	226	231	222	236	235	231	234	231	226	231	230	230	223	228	228	230		
	Actual	2014-15	191	188	180	186	172	184	181	179	170	179	201	183	217	225	228	224	224	193		
	Actual	2013-14	223	234	225	228	231	221	221	225	231	216	225	224	227	222	212	220	220	224		
	Actual	2012-13	129	130	129	129	130	130	131	130	134	137	137	136	137	160	204	167	167	141		
	SAIL (total)	Plan	2022-23	2421	2451	2443	2439	2418	2417	2439	2425	2470	2471	2461	2468	2472	2472	2472	2472	2472	2451	
Actual		2022-23	2366	2272	2171	2270	2169	2224	2265	2219	2348	2420	2312	2359	2435	2446	2464	2448	2448	2323		
Actual		2021-22	2286	2216	2228	2243	2270	2349	2291	2306	2294	2302	2323	2306	2318	2369	2406	2364	2364	2304		
Actual		2020-21	1545	1489																		

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total
Sarees (000 T)	RSP	Plan 2022-23	698	680	733	2111	794	794	770	2358	753	733	794	2280	794	713	794	2301	9050
		Actual 2022-23	652	665	729	2047	598	557	623	1777	673	730	675	2078	723	647	760	2130	8032
		Actual 2021-22	544	448	585	1577	681	718	686	2084	719	688	726	2134	683	656	760	2099	7894
		Actual 2020-21	357	373	411	1141	522	553	602	1677	668	646	681	1996	693	627	734	2054	6868
		Actual 2019-20	589	621	578	1788	608	634	533	1776	568	615	636	1820	680	649	607	1936	7319
		Actual 2018-19	568	587	523	1679	441	572	547	1560	611	599	626	1836	588	579	677	1843	6918
		Actual 2017-18	534	439	482	1454	529	578	571	1678	609	513	503	1626	570	556	621	1747	6505
		Actual 2016-17	635	527	632	1795	605	571	582	1758	588	557	579	1724	598	549	613	1760	7037
		Actual 2015-16	659	638	611	1909	660	690	617	1967	686	611	609	1906	632	614	710	1956	7738
		Actual 2014-15	532	495	355	1382	521	613	609	1743	595	566	668	1828	680	574	591	1845	6798
		Actual 2013-14	552	585	585	1722	595	601	570	1767	595	589	613	1797	568	485	554	1607	6892
		Actual 2012-13	603	649	601	1852	645	642	608	1895	624	613	576	1814	605	527	563	1694	7256
		DSP	Plan 2022-23	301	312	301	914	312	265	301	878	312	301	191	804	312	280	312	904
	Actual 2022-23		336	326	292	954	284	314	313	911	317	331	262	910	339	301	362	1003	3778
	Actual 2021-22		301	297	235	833	302	285	262	850	287	290	311	888	315	241	339	894	3464
	Actual 2020-21		167	186	198	551	284	306	302	892	315	318	315	948	330	285	317	932	3323
	Actual 2019-20		243	267	271	781	309	283	216	808	252	297	310	859	304	273	275	852	3299
	Actual 2018-19		280	287	279	846	258	294	273	825	308	283	283	875	250	263	315	828	3374
	Actual 2017-18		189	212	245	647	282	292	269	843	274	291	278	844	239	268	315	822	3155
	Actual 2016-17		285	277	296	857	267	242	238	746	287	279	296	862	304	237	161	702	3167
	Actual 2015-16		268	251	248	767	237	172	205	613	230	290	303	823	248	236	293	776	2980
	Actual 2014-15		207	257	257	721	270	263	269	801	273	278	270	820	264	272	292	828	3170
	Actual 2013-14		281	251	256	788	277	254	282	814	234	264	297	796	302	208	206	717	3114
	Actual 2012-13		257	238	267	762	259	266	257	781	285	271	223	778	295	276	304	876	3197
	RSP		Plan 2022-23	541	607	587	1735	609	581	568	1758	613	591	535	1739	611	546	611	1768
		Actual 2022-23	575	613	589	1777	582	552	581	1715	617	594	631	1842	533	512	632	1678	7012
		Actual 2021-22	553	599	472	1624	551	605	538	1794	560	610	620	1790	607	556	637	1800	7009
		Actual 2020-21	264	274	349	887	514	573	536	1622	622	622	637	1881	631	578	629	1838	6228
		Actual 2019-20	462	487	543	1492	546	425	490	1461	485	511	506	1502	522	518	524	1564	6020
		Actual 2018-19	476	566	519	1561	561	512	463	1536	474	526	538	1538	596	533	549	1679	6314
		Actual 2017-18	484	282	387	1154	478	505	407	1390	482	448	484	1415	450	417	479	1346	5305
		Actual 2016-17	356	436	391	1183	403	436	420	1259	408	487	464	1358	511	443	515	1470	5270
		Actual 2015-16	424	376	437	1237	434	368	461	1263	471	463	341	1274	361	378	423	1162	4935
		Actual 2014-15	409	376	314	1100	400	352	425	1177	411	415	433	1258	475	399	481	1355	4890
		Actual 2013-14	301	313	279	893	293	303	307	903	333	336	317	986	337	316	328	981	3763
		Actual 2012-13	292	301	313	906	316	264	277	858	317	306	315	938	322	273	320	915	3617
		BSL	Plan 2022-23	522	537	573	1632	593	592	572	1757	502	577	597	1676	460	451	499	1410
	Actual 2022-23		538	466	547	1552	564	486	517	1567	552	474	559	1586	566	508	580	1654	6358
	Actual 2021-22		422	495	456	1373	485	554	460	1500	548	537	543	1628	553	505	564	1621	6121
	Actual 2020-21		300	281	312	894	395	438	426	1259	443	435	478	1355	478	446	558	1482	4990
Actual 2019-20	442		467	480	1390	537	479	508	1524	476	424	471	1371	471	454	472	1397	5682	
Actual 2018-19	481		506	472	1459	445	553	487	1486	456	493	475	1425	493	493	514	1500	5870	
Actual 2017-18	441		491	455	1386	429	426	469	1324	477	462	473	1412	544	456	485	1485	5607	
Actual 2016-17	377		435	379	1191	353	429	375	1158	428	308	416	1152	459	390	461	1309	4810	
Actual 2015-16	404		428	430	1263	434	401	370	1204	376	367	373	1116	383	352	377	1111	4695	
Actual 2014-15	429		444	441	1314	429	430	395	1254	441	424	340	1205	385	427	477	1289	5062	
Actual 2013-14	374		391	340	1105	388	348	382	1118	412	385	401	1199	397	375	470	1241	4664	
Actual 2012-13	400		401	381	1182	380	428	410	1218	441	416	392	1249	421	377	400	1198	4848	
ISP	Plan 2022-23		366	303	269	938	375	375	365	1114	377	365	377	1119	377	342	379	1098	4270
	Actual 2022-23	378	345	303	1025	372	375	355	1102	382	366	396	1143	392	349	384	1126	4397	
	Actual 2021-22	273	243	376	893	376	372	349	1097	373	360	391	1124	395	361	407	1163	4278	
	Actual 2020-21	235	240	269	744	298	285	217	801	294	320	357	971	378	344	401	1123	3638	
	Actual 2019-20	138	354	327	819	344	336	249	928	276	311	367	954	347	341	323	1012	3713	
	Actual 2018-19	269	322	292	883	287	144	59	489	269	337	341	947	241	318	336	895	3213	
	Actual 2017-18	258	222	249	729	276	290	291	857	270	246	266	782	300	275	300	875	3243	
	Actual 2016-17	237	200	226	663	276	290	291	857	283	257	269	809	261	235	247	744	2847	
	Actual 2015-16	177	177	182	536	149	157	167	473	185	190	174	549	211	196	226	632	2190	
	Actual 2014-15	3	0	0	3	0	0	15	15	0	30	157	187	177	139	137	453	658	
	Actual 2013-14	8	8	12	28	20	24	18	62	0	15	6	21	0	2	0	2	113	
	Actual 2012-13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	
	SAIL (total)	Plan 2022-23	2428	2439	2463	7330	2683	2607	2576	7865	2557	2567	2494	7618	2554	2332	2595	7481	30295
Actual 2022-23		2479	2415	2461	7355	2401	2283	2390	7073	2540	2496	2523	7558	2553	2318	2719	7590	29577	
Actual 2021-22		2093	2082	2124	6299	2495	2534	2296	7325	2486	2485	2592	7564	2552	2319	2707	7578	28765	
Actual 2020-21		1324	1354	1531	4209	2013	2157	2083	6253	2344	2341	2464	7149	2510	2280	2639	7429	25039	
Actual 2019-20		1873	2196	2199	6269	2343	2156	1996	6496	2058	2159	2290	6507	2324	2234	2202	6760	26033	
Actual 2018-19		2063	2262	2088	6413	2005	2076	1824	5905	2106	2231	2258	6595	2269	2179	2391	6839	25752	
Actual 2017-18		1905	1646	1818	5370	1994	2091	2007	6091	2113	1962	2004	6078	2103	1972	2200	6275	23814	
Actual 2016-17		1891	1875	1924	5689	1903	1968												

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total
Rct. metal (000 T)	RSP	Plan 2022-23	450	482	511	1443	544	560	544	1648	565	552	562	1679	558	506	566	1630	6400
		Actual 2022-23	414	441	441	1296	372	388	391	1151	432	506	479	1417	554	457	546	1558	5422
		Actual 2021-22	389	341	393	1123	453	486	462	1400	486	440	489	1415	454	416	477	1347	5286
		Actual 2020-21	236	243	249	728	332	354	396	1081	463	419	460	1342	483	446	520	1448	4600
		Actual 2019-20	391	407	391	1189	397	410	352	1159	383	397	421	1201	427	422	420	1269	4818
		Actual 2018-19	368	395	341	1104	285	402	391	1077	436	427	444	1307	406	391	466	1264	4752
		Actual 2017-18	353	315	316	984	346	380	382	1107	402	350	321	1073	363	352	401	1116	4280
		Actual 2016-17	449	385	448	1282	444	425	411	1280	412	388	409	1209	438	392	440	1270	5041
		Actual 2015-16	445	460	424	1329	448	448	417	1312	470	421	413	1304	453	437	482	1373	5317
		Actual 2014-15	415	416	260	1092	390	458	457	1305	447	407	466	1320	481	412	462	1356	5072
		Actual 2013-14	451	464	447	1362	466	451	450	1368	447	449	455	1351	438	406	453	1297	5377
		Actual 2012-13	438	463	443	1344	457	460	428	1345	442	436	415	1293	420	360	444	1224	5206
	RSP	Plan 2022-23	217	224	182	623	224	196	217	637	225	218	204	647	227	204	227	658	2565
		Actual 2022-23	220	235	203	659	181	225	216	622	218	213	184	615	228	204	240	672	2568
		Actual 2021-22	214	210	167	591	205	188	195	589	210	203	215	628	223	173	235	631	2439
		Actual 2020-21	119	120	138	377	190	214	207	611	218	213	216	647	220	200	217	637	2271
		Actual 2019-20	179	207	193	579	218	214	167	599	175	208	226	609	217	207	193	617	2403
		Actual 2018-19	193	211	217	621	213	213	188	614	225	217	218	660	207	193	219	620	2515
		Actual 2017-18	138	138	175	451	205	212	202	619	202	194	196	593	186	206	228	619	2282
		Actual 2016-17	204	190	207	601	205	198	197	600	206	200	202	609	212	160	136	508	2318
		Actual 2015-16	197	170	185	552	186	145	148	480	158	200	211	569	179	175	216	570	2170
		Actual 2014-15	152	183	185	520	200	195	191	586	195	196	197	587	197	197	209	603	2297
		Actual 2013-14	192	183	188	564	195	190	188	573	181	185	200	566	198	150	140	488	2191
		Actual 2012-13	185	165	185	535	182	193	186	561	199	190	161	550	204	190	201	595	2242
	RSP	Plan 2022-23	348	390	377	1115	383	372	375	1130	394	380	344	1118	393	351	393	1137	4500
		Actual 2022-23	370	378	336	1084	351	341	352	1044	356	356	384	1096	363	322	400	1086	4310
		Actual 2021-22	330	363	283	976	390	380	355	1125	362	370	378	1110	361	355	409	1125	4337
		Actual 2020-21	166	166	199	531	310	334	324	968	387	378	406	1171	395	366	401	1161	3831
		Actual 2019-20	297	308	339	945	312	244	267	823	289	316	309	913	323	312	309	944	3625
		Actual 2018-19	296	337	299	932	338	315	283	935	289	319	336	943	363	318	345	1026	3837
		Actual 2017-18	300	172	256	728	286	304	249	838	310	292	306	909	275	265	304	845	3319
		Actual 2016-17	209	252	230	690	232	244	234	710	238	284	278	800	310	271	312	894	3094
		Actual 2015-16	268	241	266	774	256	225	274	755	284	277	214	775	230	238	269	738	3042
		Actual 2014-15	267	270	205	742	260	240	258	758	253	268	270	791	300	255	310	865	3157
		Actual 2013-14	193	201	186	580	200	198	200	598	233	229	225	686	239	210	225	674	2538
		Actual 2012-13	187	198	192	577	198	195	190	583	200	198	202	600	209	186	210	605	2366
	BSL	Plan 2022-23	391	428	415	1234	428	405	415	1248	409	420	433	1262	433	390	433	1256	5000
		Actual 2022-23	367	365	357	1089	352	338	376	1066	391	357	382	1131	414	381	436	1231	4517
		Actual 2021-22	328	364	333	1025	344	379	325	1047	359	355	349	1063	366	354	410	1130	4265
		Actual 2020-21	199	169	210	578	303	329	345	977	388	381	390	1159	378	313	381	1072	3787
		Actual 2019-20	362	355	360	1077	370	321	308	999	313	304	319	936	357	356	361	1074	4086
		Actual 2018-19	335	358	339	1032	328	360	341	1030	342	358	365	1066	352	349	382	1083	4209
		Actual 2017-18	296	320	291	907	304	317	361	982	367	347	347	1061	394	343	360	1096	4046
		Actual 2016-17	285	310	266	861	245	307	268	820	305	233	293	831	309	276	314	898	3410
		Actual 2015-16	331	360	334	1025	320	309	288	917	295	290	299	883	307	273	295	875	3700
Actual 2014-15		364	364	366	1094	353	358	345	1056	357	354	354	1065	320	340	377	1038	4253	
Actual 2013-14		303	341	295	940	337	321	345	1003	365	351	343	1059	361	334	402	1098	4100	
Actual 2012-13		350	340	342	1032	332	352	344	1028	357	343	351	1051	364	309	342	1016	4126	
ESP	Plan 2022-23	230	191	167	587	236	236	229	700	237	229	237	703	237	214	239	689	2680	
	Actual 2022-23	211	195	159	566	216	223	205	644	221	218	240	679	240	220	243	703	2592	
	Actual 2021-22	110	103	207	420	200	220	213	633	233	207	230	670	235	210	238	683	2407	
	Actual 2020-21	144	152	167	463	191	196	107	493	125	154	199	478	221	199	238	658	2093	
	Actual 2019-20	81	236	217	533	226	229	166	621	195	211	250	656	240	235	219	694	2505	
	Actual 2018-19	161	206	209	576	200	94	26	320	166	223	236	625	230	216	233	679	2200	
	Actual 2017-18	158	141	159	458	168	180	186	535	176	156	170	502	191	179	191	561	2055	
	Actual 2016-17	140	133	142	416	157	150	146	453	159	126	176	461	170	151	160	481	1810	
	Actual 2015-16	111	111	115	338	114	116	117	347	117	121	114	353	125	128	140	393	1431	
	Actual 2014-15	17	18	17	53	18	17	17	52	18	17	89	125	114	105	118	337	566	
	Actual 2013-14	19	20	20	58	20	19	13	51	16	19	20	56	20	15	20	54	220	
	Actual 2012-13	17	19	20	56	21	18	19	59	21	19	19	59	20	17	21	58	232	
SAIL (6 PLANTS)	Plan 2022-23	1636	1715	1652	5002	1815	1769	1780	5363	1830	1799	1780	5409	1848	1665	1858	5370	21145	
	Actual 2022-23	1582	1615	1496	4694	1473	1516	1539	4528	1618	1651	1670	4938	1800	1584	1865	5249	19409	
	Actual 2021-22	1371	1381	1382	4135	1591	1653	1551	4795	1649	1576	1661	4886	1640	1508	1770	4917	18733	
	Actual 2020-21	864	851	963	2678	1325	1426	1378	4130	1581	1546	1671	4798	1697	1523	1756	4976	16582	
	Actual 2019-20	1310	1514	1499	4323	1523	1418	1260	4201	1355	1436	1524	4315	1565	1531	1502	4598	17438	
	Actual 2018-19	1353	1508	1405	4266	1364	1383	1228	3975	1459	1544	1598	4601	1558	1467	1645	4671	17513	
	Actual 2017-18	1245	1086	1196	3527	1308	1392	1380	4080	1458	1340	1340	4138	1408	1344	1484	4237	15982	
	Actual 2016-17	1287	1270	1293	3850	1282	1324	1255	3861										

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total			
Hot metal ('000 T)	VSL	Plan 2022-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Actual 2022-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2021-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2020-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2019-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2018-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Actual 2017-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Actual 2016-17	0	7	9	16	1	4	8	13	8	4	7	18	6	0	0	6	53	61		
		Actual 2015-16	5	0	8	13	9	8	6	22	0	4	9	14	11	0	0	11	68	21		
		Actual 2014-15	11	9	7	27	8	4	4	16	0	0	0	0	5	10	11	25	68			
		Actual 2013-14	1	0	0	1	0	5	0	5	0	0	0	0	0	4	11	15	21			
		Actual 2012-13	11	12	12	34	10	4	10	24	8	0	0	8	9	9	11	28	94			
		SAIL (total)	Plan 2022-23	1636	1715	1652	5002	1815	1769	1780	5363	1830	1799	1780	5409	1848	1665	1858	5370	21145		
			Actual 2022-23	1582	1615	1496	4694	1473	1516	1539	4528	1618	1651	1670	4938	1800	1584	1865	5249	19409		
Actual 2021-22	1371		1381	1382	4135	1591	1653	1551	4795	1649	1576	1661	4886	1640	1508	1770	4917	18733				
Actual 2020-21	864		851	963	2678	1325	1426	1378	4130	1581	1546	1671	4798	1697	1523	1756	4976	16582				
Actual 2019-20	1310		1514	1499	4323	1523	1418	1260	4201	1355	1436	1524	4315	1565	1531	1502	4598	17438				
Actual 2018-19	1353		1508	1405	4266	1364	1383	1228	3975	1459	1544	1598	4601	1558	1467	1645	4671	17513				
Actual 2017-18	1245		1086	1196	3527	1308	1392	1380	4080	1458	1340	1340	4138	1408	1344	1484	4237	15982				
Actual 2016-17	1287		1277	1303	3867	1283	1328	1263	3874	1329	1235	1364	3928	1445	1250	1362	4057	15726				
Actual 2015-16	1357		1342	1332	4031	1333	1250	1250	3833	1324	1315	1259	3897	1305	1252	1402	3960	15721				
Actual 2014-15	1226		1261	1041	3527	1229	1272	1273	3773	1270	1242	1376	3888	1417	1319	1488	4224	15413				
Actual 2013-14	1160		1209	1136	3505	1218	1184	1196	3598	1242	1232	1243	3718	1256	1120	1251	3626	14447				
Actual 2012-13	1188		1197	1194	3578	1200	1223	1176	3599	1227	1187	1149	3562	1226	1071	1229	3526	14266				
BSP	Plan 2022-23		435	465	486	1386	494	532	489	1515	520	519	528	1567	515	483	534	1532	6000			
	Actual 2022-23		388	412	410	1210	364	378	381	1123	413	485	464	1362	533	435	518	1486	5181			
	Actual 2021-22	352	302	369	1023	424	427	419	1271	446	414	449	1309	428	392	454	1274	4876				
	Actual 2020-21	223	230	234	687	317	331	364	1012	428	381	413	1221	439	405	479	1324	4244				
	Actual 2019-20	355	377	361	1092	370	377	320	1067	354	373	399	1125	405	406	401	1212	4497				
	Actual 2018-19	343	377	312	1032	258	382	374	1014	415	401	410	1225	377	363	437	1176	4447				
	Actual 2017-18	321	291	296	907	335	365	366	1065	388	332	303	1024	347	338	390	1076	4072				
	Actual 2016-17	434	365	421	1220	416	403	389	1208	389	361	375	1125	407	367	410	1185	4737				
	Actual 2015-16	424	428	392	1243	415	418	383	1216	454	402	394	1250	442	435	473	1349	5058				
	Actual 2014-15	399	394	239	1032	369	428	432	1230	423	388	452	1264	470	385	425	1281	4807				
	Actual 2013-14	432	448	425	1305	443	428	431	1302	421	432	433	1286	420	386	437	1243	5136				
	Actual 2012-13	418	445	425	1288	441	447	417	1305	421	420	400	1240	411	344	423	1178	5011				
	DSP	Plan 2022-23	200	205	167	572	205	180	200	585	205	200	187	592	208	187	208	603	2352			
		Actual 2022-23	192	214	180	587	162	195	197	554	192	186	168	546	211	181	216	608	2295			
Actual 2021-22		190	182	157	529	187	173	182	543	194	188	198	580	204	156	218	579	2231				
Actual 2020-21		113	109	128	350	174	194	188	557	201	195	198	595	202	183	201	585	2086				
Actual 2019-20		159	185	176	521	197	191	154	542	161	184	204	548	200	197	186	583	2194				
Actual 2018-19		165	192	192	549	185	186	161	531	199	193	191	583	176	177	204	557	2220				
Actual 2017-18		130	131	161	421	189	190	169	548	185	169	177	530	166	180	196	542	2042				
Actual 2016-17		179	164	178	521	179	177	165	521	180	168	182	529	194	147	129	469	2041				
Actual 2015-16		177	145	164	486	168	136	140	443	150	185	191	526	170	162	188	520	1974				
Actual 2014-15		143	167	162	472	179	174	169	522	171	170	181	522	179	178	190	547	2063				
Actual 2013-14		176	167	175	518	175	174	174	523	165	168	181	514	185	143	139	467	2023				
Actual 2012-13		167	148	167	481	165	174	163	502	180	173	147	500	187	174	189	550	2033				
RSP		Plan 2022-23	308	365	362	1035	361	335	362	1058	361	362	329	1052	361	320	374	1055	4200			
		Actual 2022-23	329	341	331	1001	328	328	333	990	331	339	364	1034	350	293	370	1014	4039			
	Actual 2021-22	295	342	265	902	363	355	333	1052	343	330	335	1009	334	322	369	1025	3987				
	Actual 2020-21	152	144	179	475	296	321	306	923	354	350	362	1066	350	324	360	1035	3499				
	Actual 2019-20	282	299	321	902	296	237	262	795	282	297	304	882	318	307	301	925	3505				
	Actual 2018-19	277	312	276	866	320	305	280	905	290	309	317	917	344	302	326	972	3660				
	Actual 2017-18	286	163	247	696	277	294	243	814	305	279	293	877	272	262	298	832	3219				
	Actual 2016-17	196	237	217	650	218	229	224	671	228	269	260	758	298	257	299	853	2932				
	Actual 2015-16	230	210	237	677	229	203	242	674	249	244	197	691	216	228	244	688	2729				
	Actual 2014-15	240	240	190	670	235	215	233	683	232	232	230	694	260	220	264	745	2792				
	Actual 2013-14	179	191	176	545	188	184	181	553	207	206	197	610	213	177	193	583	2291				
	Actual 2012-13	175	187	183	545	184	183	175	542	187	183	190	560	196	166	198	560	2207				
	BSL	Plan 2022-23	369	406	399	1174	410	372	399	1181	376	385	416	1177	410	367	416	1193	4725			
		Actual 2022-23	325	318	319	962	319	305	342	966	365	331	365	1061	382	344	402	1128	4117			
Actual 2021-22		277	321	302	899	318	348	288	953	328	326	303	956	328	325	372	1026	3834				
Actual 2020-21		184	155	194	533	272	301	297	870	346	336	345	1028	338	269	343	951	3381				
Actual 2019-20		327	313	318	958	333	283	279	894	286	274	291	851	321	320	323	964	3667				
Actual 2018-19		306	333	311	950	300	328	311	938	306	329	322	956	320	321	348	989	3833				
Actual 2017-18		273	300	266	839	270	294	330	894	336	318	307	961	359	315	325	999	3694				
Actual 2016-17		266	290	245	801	220	288	250	758	285	213	261	759	287	252	296	836	3154				
Actual 2015-16		298	328	304	929	292	286	259	838													

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total	
Cande Steel (000 T)	ISP	Plan 2022-23	215	178	145	538	220	221	215	656	222	215	222	659	222	201	224	646	2500	
		Actual 2022-23	195	185	139	519	202	212	194	608	210	205	224	639	225	205	226	656	2422	
		Actual 2021-22	100	80	195	375	188	204	198	591	211	195	217	623	222	198	220	639	2228	
		Actual 2020-21	129	134	147	411	161	172	84	417	99	140	168	406	201	189	223	614	1848	
		Actual 2019-20	40	200	159	399	187	202	150	539	173	175	207	556	208	197	184	588	2083	
		Actual 2018-19	141	179	179	500	181	80	2	263	140	196	205	540	200	184	201	584	1888	
		Actual 2017-18	134	122	144	400	146	167	147	460	160	137	146	443	169	162	168	499	1801	
		Actual 2016-17	91	93	110	294	121	113	111	344	120	98	146	364	142	128	125	395	1397	
		Actual 2015-16	63	65	63	190	60	70	68	198	73	83	71	227	85	86	85	256	871	
		Actual 2014-15	0	0	0	0	0	0	1	1	1	2	8	11	25	44	59	129	140	
		Actual 2013-14	14	14	13	41	11	11	7	30	9	12	12	33	10	6	8	24	127	
		Actual 2012-13	13	16	16	44	14	10	10	34	13	9	7	29	9	8	14	31	139	
		SAIL (G PLANTS)	Plan 2022-23	1527	1619	1559	4705	1690	1640	1665	4995	1684	1681	1682	5047	1716	1558	1756	5029	19777
			Actual 2022-23	1429	1470	1380	4279	1375	1418	1448	4241	1512	1546	1585	4643	1701	1459	1731	4891	18055
			Actual 2021-22	1213	1226	1288	3727	1480	1508	1421	4409	1522	1453	1501	4476	1517	1393	1633	4543	17155
Actual 2020-21	801		773	882	2456	1219	1319	1239	3777	1428	1402	1487	4317	1531	1370	1606	4508	15058		
Actual 2019-20	1164		1374	1335	3872	1383	1290	1164	3837	1255	1302	1404	3962	1452	1426	1395	4273	15945		
Actual 2018-19	1233		1394	1270	3896	1243	1281	1128	3652	1349	1428	1445	4221	1416	1347	1515	4278	16048		
Actual 2017-18	1144		1007	1114	3264	1217	1309	1255	3781	1374	1234	1226	3835	1314	1257	1377	3948	14828		
Actual 2016-17	1167		1150	1170	3487	1154	1209	1138	3502	1202	1109	1224	3535	1328	1150	1259	3737	14262		
Actual 2015-16	1191		1175	1159	3525	1164	1113	1092	3369	1194	1186	1125	3505	1197	1165	1265	3627	14027		
Actual 2014-15	1116		1122	927	3164	1101	1138	1143	3382	1146	1111	1184	3441	1222	1139	1285	3646	13632		
Actual 2013-14	1081		1138	1063	3282	1129	1094	1109	3332	1139	1145	1138	3422	1155	1023	1139	3318	13353		
Actual 2012-13	1080		1094	1104	3278	1100	1133	1080	3313	1132	1096	1071	3298	1139	974	1146	3259	13149		
ASP	Plan 2022-23		7	8	7	23	8	8	7	23	8	7	8	23	8	7	8	22	91	
	Actual 2022-23		7	7	7	20	8	9	8	25	8	8	9	24	9	9	9	27	96	
	Actual 2021-22		6	8	8	22	9	8	7	24	7	8	8	23	8	7	8	23	92	
	Actual 2020-21	0	2	4	6	5	5	5	14	5	4	7	17	6	6	8	21	58		
	Actual 2019-20	8	9	9	26	10	10	10	30	10	10	8	28	8	7	5	20	104		
	Actual 2018-19	8	8	8	23	8	9	8	24	9	9	9	27	10	7	9	26	101		
	Actual 2017-18	8	8	8	23	8	8	9	25	7	7	8	22	8	8	9	25	96		
	Actual 2016-17	7	8	7	23	7	8	7	23	8	8	7	23	7	7	6	20	88		
	Actual 2015-16	7	7	8	21	8	8	8	24	8	8	8	23	8	7	8	22	91		
	Actual 2014-15	7	11	10	27	7	10	11	27	9	8	8	24	9	8	10	26	104		
	Actual 2013-14	11	11	12	35	11	12	11	34	9	12	13	33	6	5	8	19	122		
	Actual 2012-13	15	15	15	45	14	17	16	48	8	6	7	21	9	6	5	21	135		
	SSP	Plan 2022-23	12	12	12	36	12	12	12	36	12	12	12	36	12	12	12	36	144	
		Actual 2022-23	12	12	8	32	10	11	11	31	14	12	15	41	14	10	11	36	140	
		Actual 2021-22	11	3	7	21	10	12	12	34	10	11	11	32	11	8	11	30	118	
Actual 2020-21		0	6	6	13	6	8	10	24	13	11	11	35	6	12	11	28	100		
Actual 2019-20		13	13	7	32	6	9	10	25	7	14	11	32	10	4	3	17	107		
Actual 2018-19		6	12	6	25	9	9	7	25	12	10	10	33	13	10	11	34	117		
Actual 2017-18		0	12	6	18	9	2	12	24	13	7	6	26	11	6	13	30	97		
Actual 2016-17		9	11	11	31	7	12	6	26	7	11	8	26	6	13	6	25	108		
Actual 2015-16		11	10	14	35	3	12	14	28	12	13	13	38	7	6	6	19	120		
Actual 2014-15		10	10	10	31	7	10	7	25	8	10	15	33	12	12	12	36	125		
Actual 2013-14		6	3	3	12	7	3	11	21	3	10	13	26	9	10	14	33	91		
Actual 2012-13		8	6	6	20	7	7	6	19	3	5	5	14	5	6	6	16	69		
VLSL		Plan 2022-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2022-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Actual 2021-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Actual 2020-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Actual 2019-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Actual 2018-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Actual 2017-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Actual 2016-17	0	5	7	12	1	2	6	9	6	3	5	14	5	0	0	5	39		
	Actual 2015-16	4	0	5	9	7	6	4	16	0	2	6	9	8	0	0	8	42		
	Actual 2014-15	7	7	5	19	6	2	3	10	0	0	0	0	3	7	8	17	46		
	Actual 2013-14	1	0	0	1	0	3	0	3	0	0	0	0	0	2	8	9	13		
	Actual 2012-13	7	8	7	22	5	2	7	14	5	0	0	5	6	7	9	22	63		
	SAIL (total)	Plan 2022-23	1547	1639	1579	4764	1710	1660	1684	5054	1704	1700	1702	5106	1736	1577	1775	5088	20012	
		Actual 2022-23	1448	1489	1394	4331	1393	1437	1467	4297	1533	1566	1609	4708	1724	1478	1752	4954	18291	
		Actual 2021-22	1230	1237	1303	3771	1499	1528	1441	4468	1539	1472	1521	4531	1536	1408	1652	4596	17366	
Actual 2020-21		801	781	892	2475	1230	1332	1254	3816	1446	1417	1505	4368	1543	1389	1625	4557	15215		
Actual 2019-20		1184	1396	1351	3930	1399	1309	1184	3892	1272	1327	1424	4022	1470	1438	1403	4310	16155		
Actual 2018-19		1247	1414	1284	3945	1260	1299	1143	3702	1371	1447	1463	4281	1439	1364	1535	4338	16266		
Actual 2017-18		1151	1027	1127	3306	1234	1319	1275	3829	1394	1248	1240	3882	1333	1271	1399	4003	15020		
Actual 2016-17		1183	1173	1196	3552	1170	1231	1158	3559	1223	1130	1244	3597	1347	1170	1271	3787	14496		
Actual 2015-16		1212	1192	1186	3590	1181	1139	1118	3438	1214	1208	1152	3575	1219	1179	1279	3676	14279		
Actual 2014-15		1140	1149	952	3241	1121	1160	1164	3444	1163	1128	1207	3498	1245	1165	1314	3724	13907		
Actual 2013-14		1099	1152	1078	3329	1147	1112	1131	3390	1151	1167	1164	3481	1171	1040	1168	3378	13579		
Actual 2012-13		1110	1124	1131	3365	1126	1159	1109	3394	1148	1107	1084	3339	1160	994	1165	3318	13417		

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total
Salable Steel (000 T)	RSP	Plan 2022-23	410	425	440	1275	465	500	455	1420	485	510	490	1485	470	440	510	1420	5600
		Actual 2022-23	372	395	385	1152	358	341	334	1033	406	402	436	1244	503	408	483	1394	4823
		Actual 2021-22	359	316	370	1045	386	388	407	1180	423	366	413	1202	405	379	456	1240	4666
		Actual 2020-21	151	234	226	611	338	301	328	967	389	368	387	1144	413	369	452	1234	3956
		Actual 2019-20	300	296	294	890	305	359	300	963	325	333	392	1051	382	353	344	1079	3983
		Actual 2018-19	287	325	284	896	201	300	301	802	325	300	305	931	297	340	407	1044	3673
		Actual 2017-18	311	268	261	840	310	330	337	977	340	304	280	924	305	301	336	943	3685
		Actual 2016-17	343	340	342	1025	328	350	340	1019	340	313	301	954	338	310	360	1008	4006
		Actual 2015-16	329	350	343	1023	325	350	325	1000	341	324	356	1021	365	352	401	1118	4161
		Actual 2014-15	340	345	191	876	350	385	400	1135	375	345	397	1118	405	360	434	1199	4328
		Actual 2013-14	380	380	366	1126	380	385	385	1150	366	370	385	1121	362	356	434	1152	4550
		Actual 2012-13	353	363	338	1054	385	400	373	1158	385	364	365	1114	357	314	367	1038	4364
		Salable Steel (000 T)	RSP	Plan 2022-23	191	198	158	546	197	173	192	562	197	192	179	567	200	180	199
Actual 2022-23	176			204	177	556	154	186	192	532	186	174	163	522	200	171	204	574	2185
Actual 2021-22	183			174	151	508	176	163	176	515	180	180	190	549	193	152	208	552	2124
Actual 2020-21	98			116	145	359	166	184	181	531	195	189	196	579	190	176	196	562	2032
Actual 2019-20	151			170	163	484	192	176	154	522	157	176	197	531	196	181	162	539	2076
Actual 2018-19	162			185	176	524	181	182	156	520	177	175	194	546	166	169	200	535	2124
Actual 2017-18	126			118	152	396	181	181	159	520	175	171	172	519	157	169	190	516	1952
Actual 2016-17	174			158	171	502	170	172	159	501	172	160	168	500	176	138	115	429	1932
Actual 2015-16	170			136	155	461	162	129	129	420	142	175	186	504	163	155	180	497	1882
Actual 2014-15	136			160	153	449	170	163	166	499	165	164	170	499	176	165	183	524	1972
Actual 2013-14	162			156	160	478	161	170	165	496	165	164	175	504	175	141	134	449	1927
Actual 2012-13	160			137	162	459	160	163	158	480	165	161	148	474	177	161	175	512	1926
Salable Steel (000 T)	RSP			Plan 2022-23	318	327	333	978	340	340	340	1020	342	342	330	1014	342	304	342
		Actual 2022-23	293	308	319	921	304	294	319	917	319	310	339	968	326	302	338	966	3772
		Actual 2021-22	275	307	260	842	302	318	310	931	317	317	301	936	300	308	350	958	3666
		Actual 2020-21	108	115	184	408	277	302	286	865	320	314	326	961	331	300	342	973	3206
		Actual 2019-20	250	271	290	810	251	226	248	726	263	270	277	810	284	282	294	859	3205
		Actual 2018-19	229	275	262	766	287	274	257	819	281	278	300	859	311	277	303	891	3335
		Actual 2017-18	247	176	217	640	263	274	234	771	262	250	252	763	255	236	282	773	2947
		Actual 2016-17	223	252	246	720	196	212	207	616	215	200	239	653	246	230	277	753	2742
		Actual 2015-16	180	161	210	551	213	207	205	625	220	205	159	584	200	214	249	663	2424
		Actual 2014-15	210	220	205	635	225	202	220	647	215	215	205	635	215	190	225	630	2547
		Actual 2013-14	162	185	183	530	183	191	180	554	171	210	201	582	212	180	190	582	2248
		Actual 2012-13	165	173	178	516	178	191	165	534	135	190	196	521	200	170	203	573	2144
		Salable Steel (000 T)	BSL	Plan 2022-23	304	315	364	983	376	388	376	1140	375	362	380	1117	379	352	392
Actual 2022-23	302			305	294	902	320	327	301	948	321	313	331	965	333	313	381	1028	3843
Actual 2021-22	306			302	276	885	319	347	350	1015	333	321	307	961	320	313	333	967	3827
Actual 2020-21	92			150	229	471	262	315	282	859	320	314	339	973	333	279	327	939	3241
Actual 2019-20	312			294	295	901	286	271	223	779	264	290	306	860	288	292	270	850	3389
Actual 2018-19	283			293	300	876	304	310	291	905	307	300	307	915	282	311	338	931	3626
Actual 2017-18	300			293	280	873	251	317	320	888	310	286	296	892	310	274	264	847	3501
Actual 2016-17	243			314	239	796	305	302	297	904	300	121	320	741	310	287	335	932	3372
Actual 2015-16	291			288	245	824	220	46	28	294	86	227	277	590	294	284	315	893	2601
Actual 2014-15	286			296	290	871	286	288	275	849	270	250	265	785	292	267	312	871	3376
Actual 2013-14	275			303	301	879	300	290	296	886	285	216	306	807	310	285	322	917	3489
Actual 2012-13	281			251	270	802	274	280	285	839	285	211	316	812	305	250	321	876	3330
Salable Steel (000 T)	ISP			Plan 2022-23	201	160	153	514	213	214	208	635	215	208	215	638	215	194	215
		Actual 2022-23	182	169	137	488	193	209	186	588	201	195	216	612	217	196	214	627	2315
		Actual 2021-22	90	104	185	379	183	198	191	572	195	193	210	598	211	190	210	611	2160
		Actual 2020-21	117	127	135	380	180	173	96	449	87	132	170	389	191	191	225	607	1824
		Actual 2019-20	115	190	171	477	172	191	140	503	154	179	211	544	210	191	169	570	2094
		Actual 2018-19	139	160	166	465	164	129	90	382	124	137	189	450	202	201	206	609	1907
		Actual 2017-18	120	128	140	388	140	160	133	434	127	126	149	402	161	141	161	463	1687
		Actual 2016-17	86	97	94	277	118	110	104	331	117	106	113	336	139	124	130	393	1338
		Actual 2015-16	34	43	47	124	60	65	74	200	64	67	90	221	104	100	107	311	856
		Actual 2014-15	6	6	7	19	7	10	0	18	1	0	4	5	14	20	50	85	127
		Actual 2013-14	19	20	22	61	21	17	13	51	12	15	17	45	18	14	13	45	202
		Actual 2012-13	25	23	21	69	19	11	10	40	7	8	5	20	7	11	21	39	169
		SAIL (6 PLANTS)	SAIL (6 PLANTS)	Plan 2022-23	1424	1424	1448	4296	1591	1615	1571	4777	1613	1614	1593	4821	1606	1469	1658
Actual 2022-23	1325			1381	1313	4019	1329	1357	1332	4018	1432	1394	1485	4311	1579	1390	1620	4589	16938
Actual 2021-22	1214			1203	1243	3659	1365	1414	1433	4213	1448	1376	1421	4246	1428	1341	1557	4327	16445
Actual 2020-21	567			742	919	2228	1223	1276	1173	3671	1311	1317	1418	4046	1458	1314	1542	4314	14259
Actual 2019-20	1127			1221	1214	3562	1206	1223	1065	3493	1163	1248	1384	3795	1359	1299	1238	3897	14747
Actual 2018-19	1100			1238	1189	3527	1137	1196	1096	3429	1214	1191	1296	3700	1258	1298	1454	4011	14666
Actual 2017-18	1104			985	1050	3138	1145	1262	1183	3590	1214	1137	1149	3500	1188	1121	1234	3543	13771
Actual 2016-17	1068			1161	1092	3321	1118	1147	1106	3									

MONTH-WISE PRODUCTION TREND

Items	Plant	Year	Apr	May	Jun	Q1	July	Aug	Sep	Q2	Oct	Nov	Dec	Q3	Jan	Feb	Mar	Q4	Total	
Saleable Steel (000 T)	ASP	Plan 2022-23	10	10	10	29	10	10	10	30	10	10	10	29	10	10	10	29	29	118
		Actual 2022-23	8	7	8	22	9	10	9	28	9	7	9	25	9	7	11	27	27	102
		Actual 2021-22	8	9	9	27	10	9	9	27	8	9	9	26	9	9	10	28	28	109
		Actual 2020-21	1	1	4	7	4	6	7	17	7	6	8	21	8	8	8	24	24	69
		Actual 2019-20	7	9	9	25	10	9	9	28	9	10	7	26	9	9	5	24	24	103
		Actual 2018-19	10	9	10	29	11	9	10	29	10	10	10	30	8	8	11	27	27	116
		Actual 2017-18	6	7	7	21	7	8	8	23	6	6	8	20	9	8	9	25	25	89
		Actual 2016-17	7	7	7	22	7	7	7	22	7	7	7	22	7	4	6	18	18	83
		Actual 2015-16	7	6	6	19	6	8	8	22	7	8	7	21	6	7	7	20	20	83
		Actual 2014-15	7	8	6	21	7	8	9	24	8	10	9	27	9	7	8	24	24	96
		Actual 2013-14	10	10	10	30	10	11	10	31	9	11	8	28	8	9	9	26	26	114
		Actual 2012-13	14	14	15	43	13	15	12	40	9	8	8	25	8	6	5	19	19	126
	SSP	Plan 2022-23	28	26	27	80	29	29	29	87	26	26	30	82	30	23	30	83	83	333
		Actual 2022-23	9	13	8	30	9	13	11	32	10	11	18	38	22	27	27	76	76	176
		Actual 2021-22	28	28	16	72	20	24	23	67	28	27	24	79	24	25	26	75	75	293
		Actual 2020-21	11	15	18	43	24	24	14	62	29	27	26	82	24	23	23	70	70	257
		Actual 2019-20	26	21	17	64	14	15	14	43	10	27	29	67	23	15	14	52	52	226
		Actual 2018-19	9	23	21	53	15	33	29	77	19	15	29	63	28	23	33	84	84	277
		Actual 2017-18	14	18	8	40	15	14	12	41	24	32	20	76	17	12	11	40	40	197
		Actual 2016-17	29	33	28	89	30	31	32	93	35	34	32	101	33	22	30	85	85	367
		Actual 2015-16	23	23	31	77	31	28	33	92	29	33	24	86	21	28	33	83	83	339
		Actual 2014-15	23	31	20	74	35	33	20	88	36	33	36	106	32	26	35	93	93	360
		Actual 2013-14	27	30	33	89	30	30	26	86	28	23	27	78	29	20	26	74	74	328
		Actual 2012-13	21	10	21	52	21	28	22	71	23	28	31	82	30	25	9	65	65	270
	VSL	Plan 2022-23	4	5	4	13	5	5	4	13	5	4	5	13	5	4	5	13	13	53
		Actual 2022-23	3	4	2	9	2	3	3	7	2	1	3	7	2	2	2	7	7	29
		Actual 2021-22	5	3	3	10	4	5	4	13	6	6	3	15	4	3	4	11	11	49
		Actual 2020-21	1	1	1	2	0	1	1	2	0	1	2	4	3	3	4	9	9	17
		Actual 2019-20	1	0	0	2	0	0	1	1	1	1	1	2	0	0	1	2	2	7
		Actual 2018-19	1	1	1	3	1	1	0	2	1	1	2	3	0	1	1	1	1	10
		Actual 2017-18	1	1	1	4	2	1	1	4	1	2	2	5	2	1	1	4	4	17
		Actual 2016-17	1	1	3	5	2	2	2	6	2	2	3	7	6	1	2	9	9	26
		Actual 2015-16	3	3	3	8	7	4	4	14	2	2	2	6	3	2	2	7	7	36
		Actual 2014-15	2	3	3	8	4	4	3	11	3	2	1	5	2	5	4	10	10	35
		Actual 2013-14	3	2	3	9	2	1	1	5	1	2	1	3	0	1	4	5	5	22
		Actual 2012-13	8	5	7	20	5	4	5	14	6	3	3	12	3	3	4	10	10	56
	SAIL (total)	Plan 2022-23	1466	1464	1489	4419	1635	1659	1614	4908	1654	1654	1638	4946	1650	1506	1702	4858	4858	19131
		Actual 2022-23	1345	1405	1330	4080	1349	1382	1356	4086	1453	1412	1515	4381	1612	1426	1660	4699	4699	17246
		Actual 2021-22	1255	1243	1271	3769	1399	1452	1468	4320	1490	1418	1457	4365	1466	1379	1597	4442	4442	16896
		Actual 2020-21	579	758	942	2280	1251	1307	1194	3752	1347	1351	1455	4153	1493	1348	1577	4418	4418	14602
		Actual 2019-20	1162	1252	1240	3653	1230	1247	1088	3565	1183	1286	1421	3890	1392	1324	1259	3974	3974	15083
		Actual 2018-19	1120	1271	1221	3613	1163	1239	1135	3536	1243	1216	1337	3796	1295	1330	1498	4123	4123	15069
		Actual 2017-18	1125	1011	1067	3203	1169	1285	1204	3658	1246	1177	1179	3601	1215	1142	1255	3612	3612	14074
		Actual 2016-17	1104	1202	1130	3436	1158	1187	1147	3491	1188	943	1182	3314	1255	1116	1255	3626	3626	13867
		Actual 2015-16	1038	1010	1039	3087	1025	837	806	2668	891	1041	1102	3034	1156	1143	1295	3592	3592	12381
Actual 2014-15		1008	1070	875	2953	1084	1094	1093	3271	1074	1019	1087	3180	1145	1041	1252	3438	3438	12842	
Actual 2013-14		1038	1087	1078	3202	1087	1095	1076	3258	1037	1011	1120	3168	1115	1006	1131	3251	3251	12880	
Actual 2012-13		1028	977	1011	3016	1056	1092	1031	3178	1015	972	1070	3058	1088	940	1104	3132	3132	12385	
Pig Iron ('000T)	SAIL (total)	Plan 2022-23	34	18	20	72	39	46	32	117	54	33	17	104	45	30	18	93	93	386
		Actual 2022-23	58	60	37	155	27	23	17	67	30	18	10	58	12	41	34	87	87	368
		Actual 2021-22	77	67	22	166	34	51	48	133	36	43	64	144	36	40	45	121	121	564
		Actual 2020-21	24	25	19	68	34	23	43	100	68	72	80	220	71	63	62	196	196	584
		Actual 2019-20	75	50	68	193	51	43	35	129	41	63	40	144	34	29	42	105	105	570
		Actual 2018-19	34	38	43	115	33	33	41	107	37	36	57	129	49	37	43	129	129	480
		Actual 2017-18	24	15	16	55	25	14	39	78	14	23	34	71	21	15	31	66	66	270
		Actual 2016-17	57	62	48	167	41	35	37	113	42	43	46	131	31	24	28	84	84	495
		Actual 2015-16	59	58	51	168	49	53	60	162	68	60	53	181	52	48	66	166	166	677
		Actual 2014-15	38	43	29	109	36	36	35	106	34	45	97	176	98	72	69	238	238	630
		Actual 2013-14	12	10	6	28	13	15	15	42	20	15	23	58	21	33	40	95	95	223
		Actual 2012-13	26	22	14	62	14	20	21	55	15	19	12	46	18	25	7	50	50	214
Saleable Iron and Steel ('000T)	SAIL (total)	Plan 2022-23	1499	1482	1509	4491	1674	1705	1646	5025	1707	1688	1655	5050	1696	1536	1720	4951	4951	19516
		Actual 2022-23	1403	1465	1368	4235	1375	1405	1373	4153	1483	1431	1525	4439	1624	1468	1694	4786	4786	17614
		Actual 2021-22	1332	1310	1293	3935	1433	1504	1517	4453	1527	1461	1521	4509	1502	1419	1642	4562	4562	17459
		Actual 2020-21	604	783	961	2348	1285	1330	1238	3852	1415	1422	1535	4372	1564	1411	1638	4614	4614	15186
		Actual 2019-20	1237	1302	1308	3847	1281	1290	1123	3694	1224	1349	1460	4033	1426	1352	1301	4079	4079	15653
		Actual 2018-19	1154	1309	1265	3728	1196	1272	1175	3643	1280	1252	1394	3925	1344	1367	1541	4252	4252	15548
		Actual 2017-18	1149	1026	1083	3258	1193	1299	1243	3736	1260	1200	1212	3672	1236	1157	1286	3678	3678	14344
		Actual 2016-17	1162	1264	1178	3603	1199	1222	1184	3605	1230	986	1228	3445	1287	1139	1284	3710	3710	14362
		Actual 2015-16	1097	1069	1090	3256	1074	889	866	2830	958	1101	1155	3214	1208	1191	1362	3759	3759	13059
		Actual 2014-15	1																	

CONCAST PRODUCTION PERFORMANCE - Mar'23

Unit: Tonnes

PLANT	2022-23	Mar'23			Mar'22	% Growth over
	Plan	Plan	Actual	% Ful.	Actual	Mar'22
BSP	6000000	534000	518487	97	453571	14
DSP	2313210	207000	210829	102	212434	-1
RSP	4200000	374000	370039	99	369028	0
BSL	4725000	416000	401181	96	372082	8
ISP	2500000	223635	225521	101	220053	2
SAIL5 PL	19738210	1754635	1726057	98	1627168	6
ASP	3049	260	105	40	0	
SSP	144000	12000	11307	94	11423	-1
VISL	0	0	0		0	
SAIL	19885259	1766895	1737469	98	1638591	6

PLANT	2022-23	Apr-Mar'23			Apr-Mar'22	% Growth over
	Plan	Plan	Actual	% Ful.	Actual	Apr-Mar'22
BSP	6000000	6000000	5181433	86	4875549	6
DSP	2313210	2313210	2248471	97	2172808	3
RSP	4200000	4200000	4038510	96	3986980	1
BSL	4725000	4725000	4114276	87	3778821	9
ISP	2500000	2500000	2422206	97	2227867	9
SAIL5 PL	19738210	19738210	18004896	91	17042025	6
ASP	3049	3049	1394	46	7826	-82
SSP	144000	144000	140051	97	117978	19
VISL	0	0	0		0	
SAIL	19885259	19885259	18146341	91	17167829	6

PRODUCTION BY PROCESS

Unit: Tonnes

Mar-23							Mar-22					
PLANT	BOF	EAF	CC	CS	BOF % OF CS	CC % OF CS	BOF	EAF	CC	CS	BOF % OF CS	CC % OF CS
BSP	518487		518487	518487	100%	100%	453571		453571	453571	100%	100%
DSP	215551		210829	215551	100%	98%	218402		212434	218402	100%	97%
RSP	370039		370039	370039	100%	100%	369028		369028	369028	100%	100%
BSL	401511		401181	401511	100%	100%	372082		372082	372082	100%	100%
ISP	225521		225521	225521	100%	100%	220010		220053	220010	100%	100%
5 PLANT	1731109		1726057	1731109	100%	100%	1633093		1627168	1633093	100%	100%
ASP		9333	105	9333	0%	1%		7725	0	7725	0%	0%
SSP		11307	11307	11307	0%	100%		11423	11423	11423	0%	100%
VISL	0		0	0			0		0	0		
SAIL	1731109	20640	1737469	1751749	99%	99%	1633093	19148	1638591	1652241	99%	99%

Apr-Mar'23							Apr-Mar'22					
PLANT	BOF	EAF	CC	CS	BOF % OF CS	CC % OF CS	BOF	EAF	CC	CS	BOF % OF CS	CC % OF CS
BSP	5181433		5181433	5181433	100%	100%	4875549		4875549	4875564	100%	100%
DSP	2295217		2248471	2295217	100%	98%	2230599		2172808	2230599	100%	97%
RSP	4038977		4038510	4038977	100%	100%	3987259		3986980	3987259	100%	100%
BSL	4116916		4114276	4116916	100%	100%	3834010		3778821	3834010	100%	99%
ISP	2422206		2422206	2422206	100%	100%	2227867		2228111	2227867	100%	100%
5 PLANT	18054749		18004896	18054749	100%	100%	17155285		17042269	17155299	100%	99%
ASP		96114	1394	96114	0%	1%		92278	7826	92278	0%	8%
SSP		140051	140051	140051	0%	100%		117978	117978	117978	0%	100%
VISL	0	0	0	0			0	0	0	0		
SAIL	18054749	236165	18146341	18290914	99%	99%	17155285	210256	17168073	17365555	99%	99%

CATEGORY WISE PRODUCTION OF SALEABLE STEEL

BHILAI STEEL PLANT

Unit: '000T

CATEGORY	Mar'23			Mar-22	% Gr. over Mar-22	Apr-Mar'23			Apr-Mar'22	% Gr. over Apr-Mar'22
	APP	Actual	% Ful.	Actual		APP	Actual	% Ful.	Actual	
Wire Rods	38	41	107	28	45	400	377	94	323	17
Rounds & Bars (MM)	39	49	127	48	2	430	458	106	390	18
Lt Strls (MM)	15	13	85	9	50	170	147	87	147	0
Rounds & Bars (BRM)	85	91	107	73	25	900	838	93	719	17
Rail (RSM)	56	49	87	59	-18	640	500	78	499	0
Rail (URM)	100	86	86	70	21	880	849	96	694	22
Hy.Struls.	0	0		0		0	2		0	
Plates	111	116	105	121	-4	1200	1262	105	1013	25
Semis Total	66	39	59	48	-17	980	389	40	882	-56
Total Flat products	111	116	105	121	-4	1200	1262	105	1013	25
Total Finished Steel	444	444	100	408	9	4620	4434	96	3784	17
(% of Tot. Sal. Steel)	87	92		90		83	92		81	
Saleable Steel	510	483	95	456	6	5600	4823	86	4666	3

CATEGORY WISE PRODUCTION OF SALEABLE STEEL

DURGAPUR STEEL PLANT

Unit '000T

CATEGORY	Mar'23			Mar'22 Actual	% Gr. over Mar'22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Plan	Actual	% Ful			Plan	Actual	% Ful		
1 SEMIS	95	100	106	109	-9	1092	1134	104	1136	0
2 FINISHED STEEL										
Merchant Mill-TMT	36	39	109	37	5	400	407	102	396	3
Med.Structurals Total	65	62	96	59	6	730	619	85	570	9
Section Mill	12	12	101	13	-7	130	134	103	133	1
MSM	53	50	94	46	9	600	485	81	437	11
Wheel & Axles	3	2	80	3	-6	32	25	78	22	14
Total Flat products	11	0	0	0		66	0	0	0	
Total Finished Steel	104	104	100	99	5	1162	1050	90	988	6
(% of Tot. Sal. Steel)	52	51		47		52	48		47	
Total Saleable Steel	199	204	103	208	-2	2254	2185	97	2124	3

ROURKELA STEEL PLANT

Unit '000T

CATEGORY	Mar'23			Mar'22 Actual	% Gr. over Mar'22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Plan	Actual	% Ful			Plan	Actual	% Ful		
1 SEMIS	0	0		0		0	0		321	-100
2 FINISHED STEEL										
PM Plates	50	44	89	48	-7	460	392	85	547	-28
New PM Plates	86	52	61	89	-41	920	800	87	930	-14
HR Plates	33	16	48	23	-32	325	238	73	269	-12
HR Coils	152	204	135	170	20	2052	2126	104	1395	52
ERW Pipes	4	3	80	2	43	40	33	82	32	2
SW Pipes	2	3	129	2	7	23	24	106	21	14
CR Coils/Sheets	0	0		0		0	0		0	
GP/GC Sheets	10	10	98	10	-2	120	100	83	95	5
Tin plates	0	0		0		0	0		0	
CRNO	6	6	111	6	10	60	59	98	56	5
Total Flat products	342	338	99	350	-3	4000	3772	94	3346	13
Total Finished Steel	342	338	99	350	-3	4000	3772	94	3346	13
(% of Tot. Sal. Steel)	100	100		100		100	100		91	
Total Saleable Steel	342	338	99	350	-3	4000	3772	94	3666	3

CATEGORY WISE PRODUCTION OF SALEABLE STEEL

BOKARO STEEL PLANT

Unit '000 T

CATEGORY	Mar'23			Mar'22 Actual	% Gr. over Mar'22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Plan	Actual	% Ful			Plan	Actual	% Ful		
1 SEMIS	20	20	100	0		189	42	22	0	
2 FINISHED STEEL										
HR Coils	163	215	132	185	16	1924	2229	116	2160	3
HR Plates	37	38	101	33	14	430	435	101	420	4
HR Sheets	11	12	106	11	9	130	127	98	124	3
CR Coils	60	32	53	33	-5	620	286	46	428	-33
New CR Coils	64	52	82	58	-10	703	635	90	587	8
CR Sheets	2	0	23	1	-69	20	8	39	6	34
New CR Sheet	0	0		0		0	0		0	
Thick Plates	0	0		1	-100	0	3		17	-85
GP/GC Sheets	15	0	0	1	-100	150	5	4	21	-74
GP/GC Sheets (New CRM)	20	12	59	10	21	197	73	37	65	12
TMBP	0	0		0		0	0		0	
Total Flat products	372	361	97	333	8	4174	3801	91	3827	-1
Total Finished Steel	372	361	97	333	8	4174	3801	91	3827	-1
(% of Tot. Sal. Steel)	95	95		100		96	99		100	
Total Saleable Steel	392	381	97	333	14	4363	3843	88	3827	0

IISCO STEEL PLANT

Unit '000 T

CATEGORY	Mar'23			Mar'22 Actual	% Gr. over Mar'22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Plan	Actual	% Ful			Plan	Actual	% Ful		
SEMIS	54	57	106	71	-20	660	711	108	832	-15
FINISHED STEEL										
Rounds & Bars	68	78	114	68	15	780	776	99	650	19
Wire rods	44	41	94	46		500	466	93	465	
Hy Structural	50	39	78	26	51	470	362	77	213	70
Total Finished Steel	162	158	98	139	13	1750	1605	92	1328	21
(% of Tot. Sal. Steel)	75	74		66		73	69		61	
Total Saleable Steel	215	214	100	210	2	2410	2315	96	2160	7

SEGMENT WISE PRODUCTION

Unit:000 T

	CATEGORY	Mar'23			Mar'22 Actual	% Gr. over Mar'22	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
		Plan	Actual	% Ful			Plan	Actual	% Ful		
	FLAT										
BSP	Plates	111	116	105	121	-4	1200	1262	105	1013	25
RSP	Semis	0	0		0		0	0		321	-100
	PM Plates	50	44	89	48	-7	460	392	85	547	-28
	New PM Plates	86	52	61	89	-41	920	800	87	930	-14
	HR Plates	33	16	48	23	-32	325	238	73	269	-12
	HR Coils	152	204	135	170	20	2052	2126	104	1395	52
	CR Coils/Sheets	0	0		0		0	0		0	
	GP/GC Sheets	10	10	98	10	-2	120	100	83	95	5
BSL	Semis	20	20	100	0		189	42	22	0	
	HR Coils	163	215	132	185	16	1924	2229	116	2160	3
	HR Plates	37	38	101	33	14	430	435	101	420	4
	HR Sheets	11	12	106	11	9	130	127	98	124	3
	CR Coils	60	32	53	33	-5	620	286	46	428	-33
	New CR Coils	64	52	82	58	-10	703	635	90	587	8
	CR Sheets	2	0	23	1	-69	20	8	39	6	34
	Thick Plates	0	0		1	-100	0	3		17	-85
	GP/GC Sheets	35	12	0	10	-100	347	78	4	86	-74
	TMBP	0	0		0		0	0		0	
Total	Flat	834	823	99	794	4	9440	8760	93	8398	4
	Flat %	50	51		51		51	52		51	
	PET										
RSP	ERW Pipes	4	3	80	2	43	40	33	82	32	2
	SW Pipes	2	3	129	2	7	23	24	106	21	14
	Tin plates	0	0		0		0	0		0	
	CRNO	6	6	111	6	10	60	59	98	56	5
Total	PET	12	12	103	10	16	123	116	94	109	6
	PET %	1	1		1		1	1		1	
	LONG										
BSP	Semis	66	39	59	48	-17	980	389	40	882	-56
	Wire Rods	38	41	107	28	45	400	377	94	323	17
	Rounds	124	140	113	121	16	1330	1296	97	1108	17
	Light Structural	15	13	85	9	50	170	147	87	147	0
	Heavy Structural	0	0		0		0	0		0	
	Saleable Rails	156	134	86	130	3	1520	1349	89	1193	13
DSP	Semis	95	100	106	109	-9	1092	1134	104	1136	0
	Rounds	36	39	109	37	5	400	407	102	396	3
	Med.Structurals	65	62	96	59	6	730	619	85	570	9
	Wheel & Axles	3	2	80	3	-6	32	25	78	22	14
ISP	Semis	54	57		71	-20	660	711		832	-15
	Bars &Rods	68	78	114	68	15	780	776	99	650	19
	Light Structural	0	0		0		0	0		0	
	Med.Structurals	0	0		0		0	0		0	
	Wire rods	44	41	94	46	-11	500	466	93	465	0
	Heavy Structural	50	39	78	26	51	470	362	77	213	
	Light rails	0	0		0		0	0		0	
Total	Long	813	785	97	753	4	9064	8060	89	7938	2
	Long %	49	48		48		49	48		48	
	SEMI FINISHED STEEL	234	216	92	228	-5	2921	2278	78	3171	-28
	FINISHED STEEL	1424	1404	99	1329	6	15706	14659	93	13274	10
Total	SALEABLE STEEL	1658	1620	98	1557	4	18627	16938	91	16445	3

SPECIAL STEEL PERFORMANCE : Mar'23

BHILAI STEEL PLANT

UNIT 'Tonnes

	GRADE	Mar'23			Mar'22 Actual	% Gr. over Mar'22
		Orders	Actual	% Ful w.r.t .		
				Orders		
Semis	SAILTOWER Gr-6	640	768	120	5097	-85
	TLT/MMn Grade(Billets)	4000	3394	85	3203	6
	HMn (Billets)	0	0		0	
	MMn/HMn/others (Blooms/NWS)	6998	3900	56	3948	-1
	LOW CARBON DRAWING QUALITY(BLMS/NWS)	0	0		3303	-100
	LOW CARBON DRAWING QUALITY(SWR/WTCC1)	0	975		500	95
	HCR-500(Billets)	0	0		0	
Total Semis		11638	9037	78	16051	-44
Wire Rods	ELECTRODE QUALITY	2974	3104	104	0	
	SWR-10/SAE	20242	17179	85	20532	-16
	TMT-HCR	1824	2586	142	0	
	TMT Fe 500 D/EQR	15360	14102	92	9121	55
Total Wire Rod Mill		40400	36971	92	29653	25
Merchant Products	HT/SAILMA/E410A/E410C	0	14		0	
	CU BEARING	1102	48	4	61	-21
	IS-2062 Gr-B(K)	19349	10333	53	8247	25
	TMT-HCR	3070	4268	139	4998	-15
	TMT- Fe 500S	0	0		0	
	TMT Fe 500 D/EQR	33160	38603	116	38970	-1
Total Merchant Mill		56681	53266	94	52276	2
HEAVY STRLS	IS-2062 Gr-B(K)	0	0		0	
	CU BEARING	0	0		0	
	HT/SAILMA	0	0		0	
Total Heavy Structural		0	0		0	
Rails	UTS-90	120000	122400	102	112512	9
Total Special Long Products		305109	296415	97	288015	3
Plates	BQ (Home sales)	36765	12202	33	10060	21
	HT(HOME-SALES INCL SAILHARD/DMR)	45912	13158	29	12288	7
	HT(EXPORT)	7550	7076	94	0	
	IS-2062 GR-C	376	0	0	47	-100
	CU BEARING	611	58	9	63	-8
	API	0	0		0	
	SBQ(EXPORT)	0	0		0	
	SBQ(HOME-SALES)	462	0	0	0	
	Others (Normalized/controlled cooled)	17702	7946	45	8946	-11
Total Plates		109378	40440	37	31404	29
Total special steel		414487	336855	81	319419	5
Total Saleable Steel production			483027		455798	
Special Steel % of Saleable Steel			70		70	

SPECIAL STEEL PERFORMANCE : Apr-Mar'23

BHILAI STEEL PLANT

UNIT: Tonnes

	GRADE	Apr-Mar'23			Apr-Mar'22	% Gr. over Apr-Mar'22
		Orders	Actual	% Ful w.r.t.	Actual	
				Orders		
Semis	SAILTOWER Gr-6	30592	22188	73	104650	-79
	TLT/MMn Grade(Billets)	43057	31141	72	68135	-54
	HMn (Billets)	0	0		1154	-100
	MMn/HMn/others (Blooms/NWS)	54912	45570	83	129462	-65
	LOW CARBON DRAWING QUALITY(BLMS/NWS)	19388	12455	64	30383	-59
	LOW CARBON DRAWING QUALITY(SWR/WTCC1)	5627	6270	111	4181	50
	HCR-500(Billets)	0	0		0	
Total Semis		153576	116192	76	337965	-66
Wire Rods	ELECTRODE QUALITY	23756	20652	87	0	
	SWR-10/SAE	199557	174403	87	162557	7
	TMT-HCR	12790	12245	96	3872	216
	TMT Fe 500 D/EQR	165146	157140	95	152689	3
Total Wire Rod Mill		383630	365946	95	319118	15
Merchant Products	HT/SAILMA/E410A/E410C	2599	2477	95	51	4757
	CU BEARING	6013	4394	73	6133	-28
	IS-2062 Gr-B(K)	172042	134058	78	34025	294
	TMT-HCR	36085	31870	88	16471	93
	TMT Fe 500 D/EQR	414148	385684	93	94006	310
Total Merchant Mill		612580	557385	91	411122	36
Rails	UTS-90	1260344	1192408	95	1002141	19
Total Special Long Products		3297388	3041625	92	2795359	9
Plates	BQ (Home sales)	182353	104976	58	107304	-2
	DMR	0	0		0	
	HT(HOME-SALES INCL SAILHARD/DMR)	269967	195854	73	124626	57
	HT(EXPORT)	40359	26222	65	12659	107
	IS-2062 GR-C	3227	988	31	1135	-13
	CU BEARING	13836	4842	35	1321	267
	API	0	0		0	
	SBQ(EXPORT)	0	0		0	
	SBQ(HOME-SALES)	924	0	0	992	-100
Others (Normalized/controlled cooled)	223691	113782	51	72362	57	
Total Plates		734357	446664	61	320399	39
Total special steel		4031745	3488289	87	3115758	12
Total Saleable Steel production			4823375		4666304	
Special Steel % of Saleable Steel			72		67	

SPECIAL STEEL PERFORMANCE :Mar'23

DURGAPUR STEEL PLANT

UNIT: Tonnes

ITEM	GRADE	Mar'23			Mar'22 Actual	% Gr. over Mar'22
		Orders	Actual	% Ful w.r.t. Orders		
CC billet	SAIL Tower Gr 6	12510	11018	88	4992	121
	HCRM/ C18MnC / C25 HMn	1536	1492	97	364	
	TLT Grade	15500	15762	102	14822	6
	C20MMnC /C20MMn(Cu)	17850	15671	88	25551	-39
	MMn/Export1	12850	12078	94	12923	-7
	Total CC Billet		60246	56021	93	58652
CC Bloom	SAIL TOWER Gr. 6 (AlK)	2883	2599	90	2518	3
	SAILTOWER Gr.6 (SiK)	4778	4423	93	13370	-67
	TLT Grade	1012	985	97	371	165
	Med Mn/High Mn	8436	7625	90	16803	-55
	SWR 14/Export 101	9256	9033	98	7483	21
	45C8 / 45C8 (AlK)	1150	1128	98	1321	-15
	Total CC Bloom		38765	36419	94	41782
CC round	IS1875 CI 4/5, ASTM A 105(RC-1)	526	448	85	62186	
Spl Steel to ASP	Plain Carbon Grades, R16	1955	1955	100	1405	39
Structurals	E250A (Cu), E 250 BR, E 300 BR, E 350 BR	130 0	42 0	32	58386 0	-100
	Total Structurals	71328	62774	88	58386	8
TMT	HCR	2237	1220	55	6378	-81
	RB FE 600	800	482	60	0	
	BS4449, Fe500S, Fe550D, Fe500D, Fe500	36523	28368	78	25800	10
	SEQR	7965	7626	96	5746	
	Total	47525	37696	79	37924	-1
W & A	R-19/R-34/R-16	2500	2430	97	2561	-5
TOTAL FINISHED STEEL :		121353	102900	85	98871	4
TOTAL SEMI -FINISHED		101492	94843	93	101839	-7
TOTAL SPECIAL STEEL :		222845	197743	89	200710	-1
Total Saleable Steel production			203528		208010	
Special Steel % of Saleable Steel			97		96	

SPECIAL STEEL PERFORMANCE :Apr-Mar'23

DURGAPUR STEEL PLANT

UNIT: Tonnes

ITEM	GRADE	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
		Orders	Actual	% Ful w.r.t .		
				Orders		
CC billet	SAIL Tower Gr 6	94353	74038	78	48807	52
	HCRM/ C18MnC / C25 HMn	10055	9122	91	8827	3
	TLT Grade	121192	108986	90	132016	-17
	C20MMnC /C20MMn(Cu)	313128	266579	85	169381	57
	MMn/Export1	187141	160169	86	146659	9
	Total CC Billet	725933	618439	85	553199	12
CC Bloom	SAIL TOWER Gr. 6 (AlK)	29678	15658	53	25545	-39
	SAILTOWER Gr.6 (SiK)	151216	116329	77	105134	11
	TLT Grade	3508	2854	81	1949	46
	Med Mn/High Mn	152806	133517	87	205081	-35
	45C8 / 45C8 (AlK)	12314	8781	71	10105	-13
	Total CC Bloom	503251	398623	79	494298	-19
CC round	IS1875 CI 4/5, ASTM A 105(RC-1)	6383	5308	83	130380	
Spl Steel to ASP	Plain Carbon Grades, R16	13079	13176	101	11673	13
Structurals	E250A (Cu), E 250 BR, E 300 BR, E 350 BR	634403	485583	77	285182	70
		36059	23253	64	174406	-87
	Total Structurals	743204	617139	83	497498	24
TMT	HCR	42706	14314	34	15049	-5
	RB FE 600	7006	3418	49	4270	-20
	BS4449, Fe500S, Fe550D, Fe500D, Fe500	416796	317044	76	280831	13
	SEQR	94708	66090	70	23021	
	Total	561216	400767	71	361443	11
W & A	R-19/R-34/R-16	28450	25268	89	21471	18
TOTAL FINISHED STEEL :		1332870	1043174	78	850897	23
TOTAL SEMI -FINISHED		1246082	1033508	83	1063126	-3
TOTAL SPECIAL STEEL :		2578952	2076682	81	1978487	5
Total Saleable Steel production			2184732		2124366	
Special Steel % of Saleable Steel			95		93	

SPECIAL STEEL PERFORMANCE :Mar'23

ROURKELA STEEL PLANT

UNIT 'Tonnes

ITEM	GRADE	Mar'23			Mar'22 Actual	% Gr. over Mar'22
		Orders	Actual	% Ful w.r.t.		
				Orders		
SLABS		0	0		0	
PLATE MILL	BQ	9565	9565	100	8321	15
	High TENSILE/SAILMA	27637	15714	57	27586	-43
	DSQ	382	122	32	124	-2
	IS 2062 Gr-C/Cu bearing	509	119	23	898	-87
	SPADE, JACKAL, DMR-249 A, ASTM 537 CL I, 2 PI, SAIL RATH	257	257	100	0	
	Normalised Plaes (IS 2062)	1112	607	55	1729	-65
	Others	8743	8743	100	9132	-4
	Export	9475	9475	100	13269	-29
	SBQ/LLOYD	0	0		0	
	SAILCOR	0	0		0	
HR Coil	Med. Carbon / SAE 1541	0	0		0	
	L P G (Ti & B bearing)	0	0		1101	-100
	High TENSILE/SAILMA/MICRO AL	0	0		254	-100
	SAIL-SOFT/WTCR with "Boron"	0	0		126	-100
	SAILCOR	0	0		0	
	Chequered Coil (3mm)	30	30	100	2075	-99
	Export	0	0		1529	-100
	others	0	0		1902	-100
HR Coil New	API	0	0		0	
	BQ	0	0		0	
	SAILCOR	32	32	100	0	
	HSFQ(upto 450/SAIL FORMING)	562	562	100	0	
	HT(E350 BR)	4477	4477	100	0	
	SAIL MC	0	0		0	
	LPG(Ti & B bearing)	0	0		0	
	WTCR	0	0		0	
	DD/EDD	0	0		0	
	Cu Bearing	0	0		0	
	Export(Gr I/II/E250 BR)	5328	5328	100	0	
	<2 MM	6209	6209	100	0	
GP/GC Sheets	0.40 mm & below	1610	1532	95	1363	12
ERW Pipes		77	77	100	29	166
SW Pipes		13	13	100	2	550
CRNO		6046	6046	100	5477	
OTHERS		0	0		74973	-100
Total Special Quality products		75937	68939	91	74973	-8
Total Saleable Steel production			337872		349743	
Special Steel % of Saleable Steel			20		21	

SPECIAL STEEL PERFORMANCE :Apr-Mar'23

ROURKELA STEEL PLANT

UNIT 'Tonnes

ITEM	GRADE	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
		Orders	Actual	% Ful w.r.t .		
				Orders		
SLABS		0	0		116811	-100
PLATE MILL	BQ	83480	79688	95	221163	-64
	High TENSILE/SAILMA	294119	236755	80	298895	-21
	DSQ	3062	2422	79	3301	-27
	IS 2062 Gr-C/Cu bearing	20808	12666	61	13475	-6
	SPADE, JACKAL, DMR-249 A, ASTM 537 CL I, 2 PI, SAIL RATH	1278	1278	100	1195	7
	Normalised Plaes (IS 2062)	26262	19777	75	23845	-17
	Others	121448	120325	99	101638	18
	Export	115553	115553	100	113327	2
	SBQ/LLOYD	0	0		453	-100
	SAILCOR	0	0		0	
HR Plates	BQ	0	0		0	
	SAILCOR	0	0		979	-100
	High TENSILE/SAILMA	0	0		146	-100
	COPPER	2017	2112	105	2416	-13
	IS 2062 Gr-C	0	0		0	
	Others	0	0		443	-100
HR Coil	Med. Carbon / SAE 1541	0	0		0	
	L P G (Ti & B bearing)	3606	3606	100	11796	-69
	High TENSILE/SAILMA/MICRO ALLC	1067	1067	100	3871	-72
	SAIL-SOFT/WTCR with "Boron"	1463	1463	100	4736	-69
	SAILCOR	320	320	100	0	
	Chequered Coil (3mm)	31576	31187	99	35753	-13
	Export	3172	3172	100	24351	-87
others	0	0		3502	-100	
HR Coil New	API	0	0		0	
	BQ	0	0		0	
	SAILCOR	2649	2649	100	0	
	HSFQ(upto 450/SAIL FORMING)	8136	8090	99	0	
	HT(E350 BR)	57944	57474	99	0	
	SAIL MC	5150	4331	84	0	
	LPG(Ti & B bearing)	21535	20444	95	0	
	WTCR	894	892	100	0	
	DD/EDD	0	0		0	
	Cu Bearing	7784	2013	26	0	
	Export(Gr I/II/E250 BR) + SAE1020	9905	9883	100	0	
<2 MM	46414	60904	131	0		
GP/GC She	0.40 mm & below	15284	17625	115	0	
ERW Pipes		554	1448	261	0	
SW Pipes		1225	510	42	2576	-80
CRNO		62129	57840	93	94	61432
OTHERS		0	0		54394	-100
Total Special Quality products		927545	876663	95	1061869	-17
Total Saleable Steel production			3771847		3666261	
Special Steel % of Saleable Steel			23		29	

**SPECIAL STEEL PERFORMANCE :Mar'23
BOKARO STEEL PLANT**

UNIT 'Tonnes

ITEM	GRADE	Mar'23			Mar'22 Actual	% Gr. over Mar'22
		Orders	Actual	% Ful w.r.t .		
				Orders		
SLAB	DMR/ Cu-Bearing	0	0		0	
HR PLATES	SAILCOR	1512	613	41	379	62
	Cu Bearing	3580	1526	43	2434	-37
	HT*	537	314	58	715	-56
	GR-C	154	36	23	210	-83
HR COIL	L P G/EN 10120/JIS	4411	3387	77	13218	-74
	SAILCOR	3174	797	25	327	144
	Cu Bearing	2168	1490	69	0	
	HT*	118	20	17	348	-94
	MC SERIES	1707	901	53	1458	
	AUTO GRADE (BSK-46/E-34/E-46)	4185	2169	52	2335	-7
	BOILER QUALITY	320	151	47	0	
	WTCR	5570	4807	86	5710	-16
	IS 2062 E250B0/ Gr.C/ASTM	288	279	97	169	65
HR SHEET	LPG	80	80	100	0	
	EDD	0	0		0	
	SAILCOR	0	0		143	-100
	Cu BEARING	345	298	86	396	-25
	HT*	0	0		0	
	DMR 249-A	0	18		0	
CR COILS/SHI	DD Killed/EDD Killed	0	0		0	
	SAILCOR	118	20	17	348	-94
	0.4 & BELOW CR	639	639	100	1151	-44
	0.4 & BELOW GP/GC	296	296	100	45	558
	Others	0	0		0	
	TOTAL SPECIAL STEEL	56271	30496	54	34242	-11

Total Saleable Steel production		381101		333317	
Special Steel % of Saleable Steel		8		10	

* HT grades include IS 2062E300/350/410/450, IS 5986 Fe490/510, IS 5986 GR 325/355/420, IS 10748 Gr 5, ASTM A572 GR 50

SPECIAL STEEL PERFORMANCE :Apr-Mar'23
BOKARO STEEL PLANT

UNIT 'Tonnes

ITEM	GRADE	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
		Orders	Actual	% Ful w.r.t .		
				Orders		
SLAB	DMR/ Cu-Bearing	0	0		0	
HR PLATES	SAILCOR	32103	10952	34	3112	252
	Cu Bearing	80204	44217	55	42000	5
	HT*	29827	18806	63	23286	-19
	DMR 249-A	4276	1092	26	1374	-21
	Ship Building/API	2075	698	34	0	
	Boiler Quality	0	0		0	
	LPG	834	704	84	598	18
	GR-C	4692	2598	55	2681	-3
HR COIL	L P G/EN 10120/JIS	131635	89518	68	169349	-47
	SAILCOR	40178	13450	33	10993	22
	Cu Bearing	28180	12549	45	4502	179
	API	16424	14549	89	4571	218
	HT*	120840	86806	72	67047	29
	SAE 1020	0	0		0	
	MC SERIES	24310	10943	45	14753	-26
	EDD	0	0		0	
	AUTO GRADE (BSK-46/E-34/E-46)	67555	38158	56	14942	155
	BOILER QUALITY	6766	4802	71	2355	104
	10748 GR IV/V	0	0		0	
	WTCR	60374	48211	80	36043	34
	IS 2062 E250B0/ Gr.C/ASTM	3651	2270	62	1990	14
HR SHEET	LPG	637	873	137	523	67
	EDD	0	0		0	
	SAILCOR	6402	3633	57	1999	82
	Cu BEARING	15791	8908	56	4852	84
	HT*	0	0		0	
	DMR 249-A	539	117	22	0	
CR COILS/SHEETS	DD Killed/EDD Killed	330	107	32	0	
	HSCR	0	0		0	
	SAILCOR	22207	8857	40	4003	121
	Cu Bearing	2160	1085	50	669	62
	CREC	0	0		0	
	0.4 & BELOW CR	10908	10908	100	9185	19
	0.4 & BELOW GP/GC	2376	2376	100	45	5180
	Others	384	19	4.9479167	320	-94.0625
	TOTAL SPECIAL STEEL	723020	442094	61	421192	5

Total Saleable Steel production		3842689		3827239	
Special Steel % of Saleable Steel		12		11	

* HT grades include IS 2062E300/350/410/450, IS 5986 Fe490/510, IS 5986 GR 325/355/420, IS 10748 Gr 5, ASTM A572 GR 50

SPECIAL STEEL PERFORMANCE

ISP : Mar'23

UNIT 'Tonnes

ITEM	Mar'23			Mar'22 Actual	% Gr. over Mar'22
	Orders	Actual	% Ful w.r.t		
			Orders		
US Mill	42281	38319	91	28527	34
Semis	49851	49484	99	59245	-16
WRM	37959	34967	92	38265	-9
Bar Mill	106201	78635	74	71137	11
TOTAL SPECIAL STEEL	236292	201405	85	197174	2

Total Saleable Steel production		214140		210450	
Special Steel % of Saleable Steel		94		94	

ISP : Apr-Mar'23

ITEM	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Orders	Actual	% Ful w.r.t		
			Orders		
US Mill	555983	357585	64	215178	66
Semis	664171	562165	85	693960	-19
WRM	494434	405837	82	391758	4
Bar Mill	1073544	768716	72	648674	19
TOTAL SPECIAL STEEL	2788132	2094303	75	1949570	7

Total Saleable Steel production		2315387		2160426	
Special Steel % of Saleable Steel		90		90	

SPECIAL STEEL PERFORMANCE OF SAIL

SAIL : Mar'23

UNIT 'Tonnes

Plants	Mar'23			Mar'22 Actual	% Gr. over Mar'22
	Orders	Actual	% Ful w.r.t		
			Orders		
BSP	414487	336855	81	319419	5
DSP	222845	197743	89	200710	-1
RSP	75937	68939	91	74973	-8
BSL	56271	30496	54	34242	-11
ISP	236292	201405	85	197174	2
SSPs	-	12659		10378	22
SAIL	1005832	848097	84	836896	1

Saleable Steel production		1660090		1596960	
Special Steel % of Saleable Steel		51		52	

SAIL : Apr-Mar'23

Plants	Apr-Mar'23			Apr-Mar'22 Actual	% Gr. over Apr-Mar'22
	Orders	Actual	% Ful w.r.t		
			Orders		
BSP	4031745	3488289	87	3115758	12
DSP	2578952	2076682	81	1978487	
RSP	927545	876663	95	1061869	-17
BSL	723020	442094	61	421192	5
ISP	2788132	2094303	75	1949570	7
SSPs	-	105080		103788	1
SAIL	11049394	9083111	82	8630664	5

Saleable Steel production		17245683		16895889	
Special Steel % of Saleable Steel		53		51	

OPENING STOCK AT SAIL PLANTS AND STOCKYARDS

Unit:'000T

			PLANT	1.4.21	1.4.22	1.5.22	1.6.22	1.7.22	1.8.22	1.9.22	1.10.22	1.11.22	1.12.22	1.1.23	1.2.23	1.3.23	1.4.23	Var. w.r.t. 1.4.22	Var. w.r.t. 1.3.23	
STEEL INGOTS	1		BSP	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		RSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		BSL	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		SAIL	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SLABS	2	a	INPROCESS	BSP	72	20	32	26	29	29	41	39	48	53	61	54	59	39	4	
		b	FOR SALE	DSP	34	3	3	3	4	5	7	5	6	11	16	28	19	19	16	0
		TOTAL	RSP	107	23	35	28	33	33	46	46	44	59	69	89	73	77	54	4	
		a	INPROCESS	RSP	74	47	55	57	50	53	69	49	51	60	55	62	51	83	36	33
		b	FOR SALE	DSP	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	RSP	89	47	55	57	50	53	69	49	51	60	55	62	51	83	36	33	
		a	INPROCESS	BSL	79	92	102	85	78	70	25	41	69	73	74	92	102	90	-3	-12
		b	FOR SALE	DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	RSP	79	92	102	85	78	70	25	41	69	73	74	92	102	90	-3	-12	
		a	INPROCESS	SAIL	225	160	189	167	157	153	132	130	158	181	182	215	207	232	72	25
b	FOR SALE	DSP	49	3	3	3	4	5	7	5	6	11	16	28	19	19	16	0		
TOTAL	RSP	275	163	193	170	161	157	139	136	164	191	198	243	226	251	88	24			
BLOOM/BILLETS	3	a	INPROCESS	BSP	90	72	74	85	85	61	71	94	72	116	104	105	104	99	27	-4
		b	FOR SALE	DSP	22	15	5	8	8	6	8	8	9	9	22	14	13	-2	-1	
		TOTAL	RSP	112	87	79	93	92	70	77	102	80	126	113	128	118	113	25	-5	
		a	INPROCESS	DSP	8	13	20	24	20	17	18	16	11	13	13	13	14	18	6	4
		b	FOR SALE	DSP	33	14	27	35	39	34	39	44	56	68	51	57	50	48	34	-2
		TOTAL	RSP	41	26	47	59	59	51	57	60	67	81	63	70	64	66	40	2	
		a	INPROCESS	ISP	20	21	29	31	25	34	27	28	30	32	30	35	33	31	10	-2
		b	FOR SALE	DSP	19	10	12	16	45	29	19	28	32	37	27	18	16	12	2	-4
		TOTAL	RSP	40	31	41	47	70	62	46	55	62	68	58	53	49	43	12	-6	
		a	INPROCESS	SAIL	118	106	123	139	130	112	116	137	113	161	147	153	151	149	43	-2
b	FOR SALE	DSP	74	38	45	59	91	71	63	79	95	114	87	97	81	73	35	-7		
TOTAL	RSP	192	145	168	198	221	183	179	217	208	275	234	250	232	222	78	-10			
SEMIS (For Sale)	4 (2b+3b)		BSP	56	18	8	11	10	13	13	14	20	25	51	34	32	14	-1		
		DSP	33	14	27	35	39	34	39	44	56	68	51	57	50	48	34	-2		
		RSP	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		BSL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		ISP	19	10	12	16	45	29	19	28	32	37	27	18	16	12	2	-4		
		SAIL	123	42	48	62	95	76	71	85	101	125	103	126	100	92	50	-8		
SEMIS (in process)	5 (2a+3a)		BSP	162	92	106	110	114	90	110	135	110	165	158	166	158	158	66	0	
		DSP	8	13	20	24	20	17	18	16	11	13	13	13	14	18	6	4		
		RSP	74	47	55	57	50	53	69	49	51	60	55	62	51	83	36	33		
		BSL	79	92	102	85	78	70	25	41	69	73	74	92	102	90	-3	-12		
		ISP	20	21	29	31	25	34	27	28	30	32	30	35	33	31	10	-2		
		SAIL	344	266	313	307	288	264	248	268	271	341	330	368	358	381	115	22		
SEMIS (Total)	6 (4+5)		BSP	218	110	114	122	125	103	123	148	124	185	183	217	191	190	80	-1	
		DSP	41	26	47	59	59	51	57	60	67	81	63	70	64	66	40	2		
		RSP	89	47	55	57	50	53	69	49	51	60	55	62	51	83	36	33		
		BSL	79	92	102	85	78	70	25	41	69	73	74	92	102	90	-3	-12		
		ISP	40	31	41	47	70	62	46	55	62	68	58	53	49	43	12	-6		
		SAIL	467	307	361	369	382	340	319	352	372	466	433	494	458	473	165	15		
FINISHED STEEL	7		BSP	71	72	84	82	96	101	79	91	94	107	105	94	86	107	35	21	
		DSP	8	5	7	9	12	7	11	11	12	9	12	12	11	11	7	1		
		RSP	55	92	80	90	97	91	58	81	90	90	96	82	80	88	-4	8		
		BSL	42	35	44	55	58	59	71	61	58	64	67	69	70	74	39	4		
		ISP	21	12	18	12	15	32	23	26	32	27	19	18	18	19	8	2		
		SAIL	196	216	232	249	278	290	242	270	287	296	299	275	265	300	84	35		
SALEABLE STEEL (Plant)	8 (4+7)		BSP	127	90	92	94	106	114	92	104	108	127	130	145	120	139	49	19	
		DSP	40	18	34	44	51	41	50	55	68	77	63	69	61	59	41	-2		
		RSP	70	92	80	90	97	91	58	81	90	90	96	82	80	88	-4	8		
		BSL	42	35	44	55	58	59	71	61	58	64	67	69	70	74	39	4		
		ISP	40	21	30	28	60	61	42	53	64	63	46	36	34	31	10	-2		
		SAIL	319	257	280	311	373	366	312	354	389	421	402	400	364	392	134	27		
TOTAL STEEL INVENTORY (PLANT)	9 (1+5+8)		BSP	291	182	199	204	221	204	202	239	218	292	288	311	277	297	115	20	
		DSP	49	31	54	68	71	58	68	71	79	90	76	82	75	77	47	3		
		RSP	143	139	135	147	147	144	127	130	141	150	151	144	131	171	32	40		
		BSL	185	128	146	140	137	129	95	101	127	136	141	161	172	164	37	-8		
		ISP	60	43	59	59	85	94	69	81	93	95	76	71	67	62	20	-4		
		SAIL	729	523	593	618	660	630	560	622	659	763	732	768	723	773	249	50		
PIG IRON (PLANT)	10		BSP	18	3	5	11	13	2	3	5	7	6	2	3	4	2	-1	-2	
		DSP	1	1	8	7	9	4	6	5	5	9	5	2	5	7	6	2		
		RSP	24	15	20	23	19	19	12	8	15	12	7	7	17	16	1	-1		
		BSL	27	12	16	22	21	20	12	9	0	0	1	3	9	14	2	5		
		ISP	1	2	2	2	4	1	1	0	0	0	0	1	0	1	-1	1		
		SAIL	71	33	51	66	66	46	33	26	27	27	17	14	35	39	6	4		
SALEABLE STEEL (STOCKYAR DS)	10		BSP	67	31	86	168	221	173	178	143	140	170	145	131	119	111	81	-8	
		DSP	18	7	25	55	72	63	61	44	51	58	42	33	31	32	25	2		
		RSP	23	14	55	106	152	139	144	98	115	149	113	77	61	30	17	-31		
		BSL	14	10	30	46	73	87	99	66	65	76	57	43	37	26	16	-12		
		ISP	22	9	30	65	72	66	82	70	68	69	47	42	50	47	38	-3		
		SAIL	143	69	227	439	590	529	564	420	439	523	404	325	299	247	177	-52		
TOTAL STEEL INV (PLANT+STY D)	11 (8+10)		BSP	194	121	178	262	327	287	270	247	248	297	276	275					

IPT status FY 2022-23

Item	From	To	Unit	Mar'23		Apr- Mar'23	
				Plan	Actual	Plan	Actual
Sinter	ISP	BSL	Rakes	3	0	23	19.5
	ISP	BSP	Rakes	0	0	19	14
	ISP	RSP	Rakes	0	0	1	1
	RSP	BSL	Rakes	2	0	9	4
	DSP	BSP	Rakes	0	0	5	4
	RSP	BSP	Rakes	0	0	25	17
BF Coke	BSP	RSP	Rakes	8	7	49	36
	ISP	RSP	Rakes	0	0	1	1
	BSL	ISP	Rakes	1	1	16	16
	DSP	ISP	Rakes	2	3	26.5	25.5
	BSP	ISP	Rakes	0	0	7	7
	BSL	RSP	Rakes	0	0	33.5	23
	BSP	CFP	T	0	0	1000	265
Screened coke	BSL	CFP	Rakes	0	0	4	4
CC Slabs	BSP	SSP	T	17000	15883	126000	75109
	BSP	RSP	T	8100	5206	66100	48802
	BSL	RSP	T	30000	19267	68000	38321
	BSL	SSP	T	0	0	2800	2707
Spade/2Pi/JACKAL /SAILRATH Slabs	ASP	RSP	T	0	0	1190	719
SAILCOR Slabs	ASP	BSL	T	0	0	1400	1359
150 sq mm Billet	ISP	BSP	Rakes	0	0	21	14
125 sq mm Billet	DSP	BSP	Rakes	2	1	43	35
45 C8 Blooms	BSP	VISL	T	0	0	35000	22874
	BSP	ASP	T	1000	1630	8000	9989
C20 MMn Billet	BSP	VISL	T	0	0	600	960
CC Blooms (for X sleeper)	ISP	BSP	T	0	0	1000	999

MAJOR TECHNO-ECONOMIC PARAMETERS

Parameters	Plant	Actual		Target		Actual															
		2020-21	2021-22	2022-23	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22		
Coal to Hot Meta	BSP	0.989	0.962	0.910	0.971	0.948	0.957	1.032	1.004	1.054	1.079	0.943	0.961	1.086	0.936	0.996	0.932	0.996	0.962		
	DSP	0.977	0.923	0.921	0.954	0.954	0.954	0.958	0.958	0.958	0.967	0.967	0.967	0.888	0.888	0.888	0.936	0.941	0.923		
	RSP	0.938	0.969	0.930	0.959	0.954	0.970	0.971	0.983	0.978	0.961	0.942	0.949	0.922	0.946	0.971	0.931	0.967	0.969		
	BSL	0.925	0.907	0.907	0.876	0.932	0.902	0.936	0.964	0.954	0.921	0.936	0.928	0.883	0.881	0.884	0.867	0.916	0.907		
	ISP	0.991	0.935	0.910	0.940	0.940	0.992	0.939	0.933	0.946	0.950	0.913	0.904	0.915	0.903	0.919	0.917	0.931	0.935		
	SAIL	0.961	0.943	0.915	0.940	0.946	0.950	0.972	0.973	0.984	0.982	0.940	0.943	0.958	0.914	0.941	0.918	0.955	0.943		
Coke Rate (Kg/Thm)	BSP	447	449	410	460	444	433	464	484	474	441	437	433	430	453	438	456	448	449		
	DSP	482	461	455	456	455	458	475	478	460	462	455	455	453	448	433	454	457	461		
	RSP	415	424	402	407	409	425	420	425	418	410	415	413	413	414	415	399	415	424		
	BSL	477	482	460	470	490	471	491	507	507	498	499	490	485	473	467	477	487	482		
	ISP	424	397	390	399	398	413	404	398	409	405	396	394	395	398	396	390	400	397		
	SAIL	448	445	423	441	442	442	453	462	459	446	443	438	437	442	434	439	444	445		
Nut Coke Consumption (Kg/Thm)	BSP	34	26	32	0	6	14	12	12	16	19	22	25	26	22	24	1	17	26		
	DSP	17	24	20	27	28	29	22	20	21	23	24	22	19	22	24	26	23	24		
	RSP	30	25	23	35	35	34	37	38	37	38	37	38	39	36	35	34	37	25		
	BSL	30	13	20	21	16	18	18	18	17	16	16	17	15	15	16	20	17	13		
	ISP	41	37	30	35	34	30	38	39	38	39	40	36	35	33	39	32	37	37		
	SAIL	31	24	26	21	22	23	24	24	25	26	27	27	27	25	26	21	25	24		
Overall CDI Rate (Kg/Thm)	BSP	76	83	115	97	107	111	103	98	106	138	135	135	137	118	132	99	120	83		
	DSP	44	53	62	56	62	54	41	33	61	57	60	60	64	68	78	59	58	53		
	RSP	114	110	135	113	109	109	114	115	118	124	119	115	120	119	128	117	117	110		
	BSL	57	62	80	68	57	69	53	42	47	52	49	54	51	60	67	58	56	62		
	ISP	89	118	130	117	119	119	121	118	122	121	121	134	130	123	123	130	123	118		
	SAIL	78	85	106	91	91	93	89	83	90	101	101	103	104	99	108	93	97	85		
Fuel Rate (Kg/Thm)	BSP	557	558	557	557	557	579	594	597	598	594	594	593	593	594	557	585	558			
	DSP	543	538	537	539	545	541	538	531	542	542	539	537	536	538	535	539	538			
	RSP	559	560	560	555	554	568	571	578	574	573	571	566	572	569	578	550	569			
	BSL	564	557	560	558	564	559	562	567	571	566	565	560	551	548	549	554	560			
	ISP	554	552	550	551	552	562	563	555	569	565	557	564	560	554	558	552	559			
	SAIL	557	555	555	554	555	558	566	569	574	573	571	569	568	565	568	552	566			
Sinter in Burden (%)	BSP	65	64	63	65	63	65	65	64	65	62	59	55	59	58	66	62	64			
	DSP	69	67	67	69	69	69	69	71	70	69	69	68	68	68	70	67	69			
	RSP	76	72	72	70	70	71	72	72	73	71	70	69	72	72	72	71	72			
	BSL	66	66	61	64	62	66	68	65	67	65	63	65	65	65	63	65	65			
	ISP	77	76	78	79	80	79	76	79	78	78	76	75	77	79	75	77	77			
	SAIL	70	68	67	68	67	69	69	69	70	69	67	66	65	67	66	69	68			
BF Productivity (T/m ³ /Day) Working Volume	BSP	1.79	1.73	1.91	1.75	1.77	1.81	1.86	1.82	1.76	1.78	1.75	1.69	1.82	1.79	1.80	1.79	1.78			
	DSP	1.76	1.75	1.88	1.88	1.94	1.83	1.90	1.86	1.85	1.80	1.83	1.75	1.90	1.88	1.97	1.95	1.87			
	RSP	1.98	1.92	2.01	1.97	1.93	1.80	1.80	1.75	1.81	1.92	1.96	1.88	1.83	2.05	2.10	1.88				
	BSL	1.74	1.66	1.90	1.77	1.69	1.68	1.61	1.58	1.50	1.71	1.69	1.76	1.84	1.84	1.93	1.82				
	ISP	1.75	2.02	2.21	2.07	2.08	1.85	2.01	2.02	1.96	2.03	2.11	2.20	2.22	2.21	2.24	2.18				
	SAIL	1.81	1.79	1.96	1.86	1.84	1.78	1.80	1.78	1.74	1.80	1.82	1.83	1.89	1.87	1.95	1.93				
Gross Hot Metal Consumption (Kg/Tcs)	BSP	SMS-2	1034	1029	1035	1032	1032	1032	1032	1032	1032	1033	1032	1032	1032	1032	1031	1032			
	DSP	SMS-3	1022	1038	1045	1038	1038	1040	1039	1028	1016	1024	1040	1038	1036	1029	1036	1034			
	RSP	SMS	1048	1056	1050	1065	1059	1074	1074	1067	1061	1063	1065	1058	1056	1066	1060	1064			
	BSP	SMS-1	1073	1069	1069	1079	1077	1071	1073	1072	1073	1072	1072	1071	1072	1072	1073	1073			
	DSP	SMS-2	1034	1022	1031	1024	1020	1016	1015	1020	1022	1027	1017	1024	1025	1018	1027	1020			
	RSP	SMS-1	1068	1039	1031	1032	1020	1029	1022	1030	1015	1015	1009	1009	1039	1030	1006	1037			
	BSL	SMS-2	1031	1032	1031	1034	1034	1034	1039	1035	1037	1033	1028	1028	1034	1036	1049	1028			
	ISP	SMS-1	1071	1062	1062	1071	1060	1059	1063	1055	1058	1049	1064	1068	1072	1067	1068	1064			
	SAIL	1040	1039	1041	1043	1040	1039	1042	1039	1036	1037	1038	1039	1041	1040	1043	1037				
	Scrap Consumption (Kg/Tcs)	BSP	SMS-2	110	113	108	109	109	109	109	109	108	109	109	108	107	109	108			
DSP		SMS-3	93	79	73	83	82	79	79	89	99	92	78	79	77	74	83				
RSP		SMS-1	66	59	64	49	54	40	40	46	52	50	49	54	45	51	61				
BSL		SMS-2	72	78	65	54	55	60	59	60	59	60	59	59	59	59	59				
ISP		SMS-1	90	97	87	94	97	102	101	96	92	90	99	91	92	98	88				
SAIL		86	86	84	82	84	85	81	83	85	85	84	83	81	80	77	86				
TMI (Kg/Tcs)	BSP	SMS-2	1144	1143	1143	1140	1140	1140	1140	1141	1140	1141	1140	1140	1141	1139	1140				
	DSP	SMS-3	1115	1117	1118	1121	1120	1119	1118	1117	1115	1116	1118	1117	1114	1106	1110				
	RSP	SMS	1114	1115	1114	1114	1113	1114	1114	1113	1113	1114	1112	1110	1111	1111	1112				
	BSL	SMS-1	1145	1147	1134	1133	1133	1132	1132	1132	1132	1132	1131	1130	1131	1131	1132				
	ISP	SMS-2	1124	1119	1118	1117	1118	1116	1115	1114	1117	1116	1115	1117	1116	1115	1116				
	DSP	SMS-1	1140	1140	1139	1140	1140	1140	1140	1139	1139	1139	1139	1139	1139	1139	1140				
	BSL	SMS-2	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139				
	ISP	SMS-1	1112	1108	1108	1110	1106	1103	1102	1104	1100	1097	1097	1100	1101	1099					
	SAIL	1126	1125	1125	1125	1123</															

**MONTH-WISE TECHNO-ECONOMIC PARAMETERS
COKE AND COAL CHEMICALS, SINTER PLANT :**

Parameters	Unit	Actual		Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Feb'22	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22	
		20-21	21-22	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
BF Coke Yield (%)	%	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
BSP		68.6	68.3	68.4	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.3	68.5	68.0	68.4	68.3
DSP		66.3	66.1	66.8	64.9	66.1	66.4	66.9	67.7	67.1	67.6	68.1	68.6	69.1	69.5	65.3	69.5	64.1	67.6	67.6	66.1
RSP		63.6	64.1	64.2	64.0	64.3	64.6	64.4	64.2	64.6	64.5	65.5	65.6	66.1	67.3	63.8	67.4	64.1	65.2	65.2	64.1
RSP (Batt.-6)		69.0	69.4	68.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.5	70.0	69.5	70.0	70.0	69.4
ISP		72.0	69.8	69.5	69.0	69.3	69.6	69.5	69.5	69.6	69.5	69.4	69.5	69.5	69.5	69.1	69.5	69.0	69.0	69.5	69.5
Sp. Heat Cons.	000 K.Cal/TDC	647	656	650	665	663	659	665	670	970	651	636	664	661	655	647	660	674	658	656	
BSP		652	658	655	652	654	669	672	663	653	646	648	661	653	655	657	647	650	656	656	
DSP		730	720	670	715	715	715	716	714	715	715	714	714	714	714	715	714	715	715	715	
RSP		691	712	700	750	710	734	768	755	769	752	752	719	681	673	688	664	723	727	712	
BSL		695	703	706	694	696	696	695	695	700	696	698	711	695	697	693	696	696	697	703	
ISP		632	634	616	677	698	668	654	627	632	628	666	629	669	657	639	607	669	649	634	
Dry Coal Charge/Oven	Tonnes	16.7	16.6	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
BSP (Batt. 1-8)		30.1	29.9	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
BSP (Batt. 9-10)		16.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.4	16.6	16.4	16.5	16.4	
DSP		15.9	16.0	15.9	16.4	16.3	16.3	16.1	15.9	15.8	16.1	16.3	16.4	16.1	15.7	16.5	15.6	16.5	16.1	16.0	
RSP		30.7	30.6	30.6	30.7	30.5	30.7	30.7	30.8	30.1	30.6	30.6	31.6	30.1	31.3	30.5	31.7	30.5	30.8	30.6	
RSP (Batt.-6)		20.5	20.5	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	
BSL		17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	
ISP		31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
ISP New		31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
Coke Oven Gas Yield	Nm ³ /TDC	320.2	328.3	311.0	338.0	338.8	349.6	351.2	343.0	335.5	336.6	329.8	339.7	322.8	322.3	328.1	323.0	333.4	335.1		
BSP		309.0	304.0	310.0	309.0	310.0	307.0	306.0	308.0	308.0	307.0	309.0	308.0	308.0	309.0	308.0	308.0	308.0	308.0	308.0	
DSP		316.7	319.0	317.0	318.9	319.0	319.4	319.0	320.1	320.7	321.0	320.9	318.7	319.0	319.9	318.8	320.1	319.0	319.7	319.0	
RSP		325.2	328.2	320.0	331.6	330.2	329.2	330.1	328.7	328.6	328.3	328.3	329.5	329.5	326.6	327.1	328.0	328.5	329.2	328.2	
BSL		314.5	313.8	314.2	313.6	313.7	313.2	313.7	313.3	312.7	312.9	312.6	314.0	312.2	313.5	313.0	312.7	313.3	313.2	313.8	
ISP		342.4	342.5	333.6	347.2	343.0	339.3	348.6	343.0	343.1	341.4	349.3	334.4	334.7	344.4	340.7	341.5	342.9	342.4	342.5	
ISP New	342.4	342.5	333.6	347.2	343.0	339.3	348.6	343.0	343.1	341.4	349.3	334.4	334.7	344.4	340.7	341.5	342.9	342.4	342.5		
Coal Tar Yield	kg/TDC	28.5	26.9	28.0	31.0	31.0	31.0	32.0	32.0	32.0	32.0	31.2	30.0	28.0	26.0	28.0	27.4	29.6	30.2		
BSP		29.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9	29.0	28.2	29.0		
DSP		31.8	30.6	32.0	30.5	30.2	30.5	30.5	32.0	33.1	31.9	31.6	31.2	33.1	32.0	30.5	32.1	30.5	31.5		
RSP		31.0	31.6	30.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.0	31.5	31.7	32.0	32.3		
BSL		29.8	27.4	29.0	26.0	29.0	29.0	32.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	27.0	30.0	26.0	29.0		
ISP		29.9	30.0	29.0	30.0	30.0	30.0	30.0	30.0	30.0	29.0	29.0	29.0	28.0	27.0	30.0	27.0	30.0	29.1		
ISP New	29.9	30.0	29.0	30.0	30.0	30.0	30.0	30.0	30.0	29.0	29.0	29.0	28.0	27.0	30.0	27.0	30.0	29.1			
Crude Benzol Yield	kg/TDC	7.3	7.2	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2		
BSP		6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	6.9	7.0	6.9		
DSP		1.6	5.3	6.0	-	-	4.0	4.0	4.0	4.1	4.1	0.0	4.1	4.1	4.1	4.1	4.1	4.0	4.1		
BSL		2.0	2.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.6		
ISP	2.0	2.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.6			
Amm.Sulphate Yld	kg/TDC	10.2	10.2	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2		
BSP		7.3	7.5	7.8	7.8	7.8	7.8	7.8	7.8	7.3	7.8	7.0	8.0	8.0	7.1	8.1	7.6	7.8	7.7		
DSP		1.1	1.8	5.7	3.4	5.1	4.0	3.4	1.8	2.7	2.8	3.2	2.3	2.4	2.6	3.6	2.0	4.0	2.6		
RSP		6.0	9.3	10.0	8.6	8.8	8.8	8.8	8.8	8.9	9.0	8.9	8.9	8.9	9.3	8.6	9.6	8.8	9.0		
BSL		10.1	10.1	5.9	6.6	3.8	5.9	6.4	6.2	6.2	6.2	6.3	6.3	6.3	6.3	10.4	6.2	10.7	6.1		
ISP	10.1	10.1	5.9	6.6	3.8	5.9	6.4	6.2	6.2	6.2	6.3	6.3	6.3	6.3	10.4	6.2	10.7	6.1			
Sinter Productivity	T/m ² /hr	1.1	1.1	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2		
BSP (SP-2)		1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
BSP (SP-3)		0.8	0.8	0.8	0.9	0.8	0.7	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.7	0.9	0.8	0.8		
DSP SP-1		1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.4	1.5	1.5	1.5	1.5	1.6	1.4	1.5	1.5	1.5		
DSP SP-2		0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
RSP SP-1		1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
RSP SP-2		1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
RSP SP-3		1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1		
BSL		1.2	1.3	1.3	1.3	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.3		
ISP	1.2	1.3	1.3	1.3	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.3			

MONTH-WISE TECHNO-ECONOMIC PARAMETERS
IRON MAKING :

Parameters		Unit	Actual		Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22
			20-21	21-22	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Productivity		T/m3/day (Working vol.)	1.79	1.73	1.91	1.75	1.77	1.81	1.86	1.82	1.76	1.78	1.75	1.69	1.82	1.79	1.80	1.79	1.78	1.73
BSP			1.76	1.75	1.88	1.88	1.94	1.83	1.90	1.86	1.85	1.80	1.83	1.75	1.90	1.88	1.97	1.95	1.87	1.75
DSP			1.98	1.92	2.01	1.97	1.93	1.80	1.80	1.75	1.87	1.81	1.92	1.96	1.88	1.83	2.05	2.10	1.88	1.92
RSP			1.74	1.66	1.90	1.77	1.69	1.68	1.61	1.58	1.50	1.71	1.69	1.76	1.84	1.84	1.93	1.82	1.72	1.66
BSL			1.75	2.02	2.21	2.07	2.08	1.85	2.01	2.02	1.96	2.03	2.11	2.20	2.22	2.21	2.24	2.18	2.09	2.02
ISP			1.81	1.79	1.96	1.86	1.84	1.78	1.80	1.78	1.74	1.80	1.82	1.83	1.89	1.87	1.95	1.93	1.84	1.79
SAIL 5 PLANT																				
Coke Rate		Kg/Thm	447	449	410	460	444	433	464	484	474	441	437	433	430	453	438	456	448	449
BSP			482	461	455	456	455	458	475	478	460	462	455	455	453	448	433	454	457	461
DSP			415	424	402	407	409	425	420	425	418	410	415	413	413	414	415	399	415	424
RSP			477	482	460	470	490	471	491	507	507	498	499	490	485	473	467	477	487	482
BSL			424	397	390	399	398	413	404	398	409	405	396	394	395	398	396	390	400	397
ISP			448	445	423	441	442	442	453	462	459	446	443	438	437	442	434	439	444	445
SAIL 5 PLANT																				
Nut Coke		Kg/Thm	34	26	32	0	6	14	12	12	16	19	22	25	26	22	24	1	17	26
BSP			17	24	20	27	28	29	22	20	21	23	24	22	19	22	24	26	23	24
DSP			30	25	23	35	35	34	37	38	37	38	37	38	39	36	35	34	37	25
RSP			30	13	20	21	16	18	18	18	17	16	16	17	15	15	16	20	17	13
BSL			41	37	30	35	34	30	38	39	38	39	40	36	35	33	39	32	37	37
ISP			31	24	26	21	22	23	24	24	25	26	27	27	27	25	26	21	25	24
SAIL 5 PLANT																				
CDI	BSP	BF-1	36	73		95	88	94	Idle	Idle	Idle	Idle	Idle	Idle	Idle	Idle	Idle	85	93	73
		BF-4	-	57		110	111	106	111	103	106	128	121	130	123	133	148	109	119	57
		BF-5	41	75		98	97	98	105	106	108	115	122	116	120	109	118	96	109	75
		BF-6	53	74		87	92	99	75	66	114	144	121	130	121	117	84	82	109	74
		BF-7	60	31		CR	CR	CR	CR	CR	CR	89	124	121	120	88	104	-	112	31
		BF-8	99	102		95	120	121	101	97	104	148	149	152	159	127	156	107	129	102
			76	83	115	97	107	111	103	98	106	138	135	135	137	118	132	99	120	83
	DSP	BF-2	28	40		45	44	39	34	25	47	45	47	42	41	44	49	47	42	40
		BF-3	48	52		47	63	57	39	34	65	57	60	51	66	65	76	56	57	52
		BF-4	52	63		73	77	67	58	40	69	67	71	79	82	90	105	71	74	63
			44	53	62	56	62	54	41	33	61	57	60	60	64	68	78	59	58	53
	RSP	BF-1	95	91		87	91	87	88	80	92	94	87	80	80	79	84	84	86	91
		BF-4	82	75		73	70	64	75	58	65	78	56	78	84	84	84	77	73	75
		BF-5	124	128		133	127	128	132	137	138	145	143	135	140	142	150	139	138	128
			114	110	135	113	109	109	114	115	118	124	119	115	120	119	128	117	117	110
	BSL	BF-1	54	65		63	39	68	62	47	70	66	62	65	66	80	83	45	65	65
		BF-2	56	62		79	82	95	67	59	60	43	50	51	58	71	75	68	66	62
		BF-3	79	80		85	63	45	21	0	0	CR	CR	CR	CR	CR	74	38	80	
		BF-4	-	-		CR	CR	CR	CR	CR	45	58	48	60	41	47	60	-	52	-
		BF-5	48	42		43	37	54	43	49	44	46	33	36	35	39	45	42	42	42
			57	62	80	68	57	69	53	42	47	52	49	54	51	60	67	58	56	62
	ISP	BF-5	89	85	130	117	119	119	121	118	122	121	121	134	130	123	123	93	123	85
Fuel Rate		Kg/Thm	557	558	557	557	557	557	579	594	597	598	594	594	593	593	594	557	585	558
BSP			543	538	537	539	545	541	538	531	542	542	539	537	536	538	535	539	538	538
DSP			559	560	560	555	554	568	571	578	574	573	571	566	572	569	578	550	569	560
RSP			564	557	560	558	564	559	562	567	571	566	565	560	551	548	549	554	560	557
BSL			554	552	550	551	552	562	563	555	569	565	557	564	560	554	558	552	559	552
ISP			557	555	555	554	555	558	566	569	574	573	571	569	568	565	568	552	566	555
SAIL 5 PLANT																				
LD Slag Usage		Kg/Thm	18	9	-	0	0	1	0	31	54	41	38	23	25	5	4	13	18	9
BSP			6	8	-	4	3	2	6	4	3	7	2	5	2	3	1	3	8	8
DSP			0	1	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RSP			2	3	-	0	1	0	1	0	1	9	3	0	0	0	0	0	1	3
BSL			8	2	4	0	0	7	1	0	0	0	0	0	0	5	0	1	2	2
ISP																				
Sinter %		%	65	64	63	65	63	65	65	64	65	65	62	59	55	59	58	66	62	64
BSP			69	67	67	69	69	69	69	71	70	69	69	68	68	70	67	69	69	67
DSP			76	72	72	70	70	71	72	72	72	73	71	70	69	72	72	71	72	72
RSP			66	66	61	64	62	66	68	65	67	65	63	65	65	63	65	65	66	66
BSL			77	76	78	79	80	79	76	79	78	78	76	75	77	79	75	77	77	76
ISP			70	68	67	68	67	69	69	69	70	69	67	66	65	67	66	69	68	68
SAIL 5 PLANT																				
Screen Loss		%	9.7	8.1	9.5	9.3	10.1	9.9	7.1	7.2	8.0	8.1	9.3	9.7	9.1	9.4	8.9	9.2	8.9	8.1
BSP			12.5	11.6	12.0	10.9	11.4	11.6	11.4	11.6	11.3	11.5	10.3	11.0	10.9	11.6	11.1	11.2	11.2	11.6
DSP			13.8	13.3	13.3	13.5	13.3	13.3	13.0	14.0	14.4	14.5	14.3	17.1	15.6	16.9	17.0	13.8	14.8	13.3
RSP			13.9	12.7	15.5	12.0	14.5	12.3	12.6	14.1	12.5	12.0	12.2	11.4	11.4	11.5	12.2	12.3	12.7	12.7
BSL			17.2	11.3	10.0	12.7	12.0	12.5	10.7	10.9	8.3	11.0	8.9	7.9	9.7	8.9	9.8	10.9	10.2	11.3
ISP																				

MONTH-WISE TECHNO-ECONOMIC PARAMETERS

BOF Shop :

Parameters	Plants		Actual	Actual	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22	
			20-21	21-22	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Average Blows (Per Day)	BSP	SMS-2	48	50	65	51	42	52	36	41	41	40	56	54	62	53	56	51	49	50	
		SMS-3	36	45	51	41	50	46	45	44	48	53	58	51	60	52	63	53	51	45	
	DSP	SMS	48	50	53	53	57	50	43	52	54	52	52	45	56	54	58	58	52	50	
		SMS-1	14	18	20	19	19	17	20	18	20	21	18	22	18	22	20	20	19	18	
	BSL	SMS-2	55	62	66	62	63	64	59	60	63	59	64	65	64	56	61	64	62	62	
		SMS-1	9	14	21	15	8	14	12	17	13	13	21	13	16	18	20	17	15	14	
		SMS-2	30	32	38	33	34	34	33	28	35	35	31	36	37	36	38	35	34	32	
ISP	SMS	33	40	46	43	40	31	44	46	43	45	45	48	48	49	48	47	44	40		
Average Heat Weight (T)	BSP	SMS-2	115	118	119	122	122	120	120	120	119	119	119	120	119	119	119	121	120	118	
		SMS-3	168	166	171	163	165	164	166	165	162	162	164	165	165	165	164	165	164	166	
	DSP	SMS	120	122	121	122	121	120	121	121	122	119	118	120	121	119	121	122	121	122	
		SMS-1	69	68	68	68	68	69	69	69	69	69	69	69	69	68	69	68	68	69	
	BSL	SMS-2	156	156	155	156	155	155	156	157	156	155	157	158	158	159	159	155	157	156	
		SMS-1	122	111	125	113	112	110	114	112	114	116	117	116	118	118	118	119	115	111	
		SMS-2	275	275	270	274	274	271	273	280	281	280	280	281	280	279	281	283	278	275	
ISP	SMS	152	152	150	150	150	150	150	150	150	151	151	151	150	150	150	151	150	152		
Avg. Lining Life (Nos. of Blows/Campaign)	BSP	SMS-2	6387	6028	8000	-	-	-	-	-	5726	-	-	-	-	-	-	-	5990	6028	
		SMS	5003	5548	5500	5404	-	5648	-	-	-	-	-	-	3990	-	-	-	5629	-	
	DSP	SMS-1	1631	1671	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1671	
		SMS-2	5437	5586	6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5586	
	BSL	SMS-1	877	592	1000	-	1870	-	-	-	-	-	-	909	909	-	600	-	463	1126	
		SMS-2	4087	4056	4500	-	-	-	-	-	5193	-	5716	5716	-	-	-	-	-	5455	
		SMS	4841	3997	5448	4157	-	-	5047	-	-	-	-	5705	-	-	-	-	-	3727	
ISP	SMS	4841	3997	5448	4157	-	-	5047	-	-	-	-	5705	-	-	-	-	-	3727		
T M I (Kg/TCS)	BSP	SMS-2	1144	1143	1143	1140	1140	1140	1140	1140	1141	1140	1141	1140	1140	1141	1139	-	1140	5548	
		SMS-3	1114	1115	1114	1114	1113	1114	1113	1113	1113	1113	1113	1114	1112	1110	1111	1111	-	1113	
	DSP	SMS	1145	1147	1134	1133	1133	1132	1132	1132	1132	1132	1132	1131	1130	1131	1131	1131	-	1132	
		SMS-1	1124	1119	1118	1118	1117	1118	1116	1115	1114	1117	1116	1115	1117	1116	1115	1115	463	1116	
	BSL	SMS-1	1140	1140	1139	1140	1140	1140	1140	1140	1139	1139	1139	1139	1139	1139	1139	1139	1140	-	1139
		SMS-2	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	1139	-	1139	
		SMS	1112	1108	1108	1110	1106	1103	1102	1104	1100	1097	1097	1100	1101	1099	1100	1140	1101	1143	
Fe-Mn (Kg/TCS)	BSP	SMS-2	0.02	0.04		0.00	0.06	0.07	0.06	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02		
		SMS-3	0.49	0.02		0.00	0.00	0.00	0.10	0.09	0.30	0.07	0.08	0.11	0.10	0.11	0.08	0.00	0.09		
	DSP	SMS	0.80	0.80	0.50	0.40	0.60	0.50	0.60	0.60	0.60	0.80	0.90	1.50	1.10	0.70	1.00	0.80	0.80		
		SMS-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	BSL	SMS-2	0.50	0.00	0.40	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.15	0.16	0.23	0.12	0.00	0.06		
		SMS-1	3.04	1.92		0.56	0.04	1.00	0.09	0.26	0.57	0.18	0.12	0.12	0.09	0.36	0.01	0.84	0.27		
		SMS-2	4.93	5.13		5.26	6.63	5.78	5.33	5.26	5.75	5.82	5.85	5.85	5.33	5.80	5.20	5.74	5.65		
ISP	SMS	1.77	2.29	2.60	1.65	1.90	2.11	2.70	2.43	1.95	1.66	2.42	2.88	3.03	2.77	2.42	2.35	2.35			
Fe-Si (Kg/TCS)	BSP	SMS-2	1.18	1.56	2.00	0.22	1.25	1.50	1.61	1.94	1.74	1.81	1.75	1.69	1.39	1.50	1.64	1.82	1.60		
		SMS-3	2.12	2.97	3.50	2.86	2.74	3.59	3.13	2.92	2.94	2.97	2.85	2.68	2.75	2.74	2.87	2.96	2.91		
	DSP	SMS	3.20	3.30	3.00	3.10	3.10	3.40	3.40	3.20	3.30	3.60	3.40	3.30	3.50	3.60	3.50	3.40	3.40		
		SMS-1	5.81	6.49	6.50	5.47	6.80	7.35	7.88	7.14	7.99	7.31	6.20	3.58	4.14	4.27	5.92	6.36	6.14		
	BSL	SMS-2	0.50	0.05	0.00	0.09	0.16	0.13	0.09	0.15	0.07	0.18	0.14	0.03	0.13	0.12	0.02	0.00	0.11		
		SMS-1	0.52	0.48		0.37	0.08	0.50	0.55	0.41	0.54	0.23	0.28	0.28	0.27	0.19	0.36	0.63	0.37		
		SMS-2	0.51	0.40		0.49	0.48	0.62	0.44	0.37	0.41	0.41	0.42	0.42	0.36	0.46	0.33	0.28	0.43		
ISP	SMS	2.26	2.33	3.00	3.05	1.92	2.06	2.08	2.00	2.15	2.11	2.18	2.18	2.06	1.91	2.09	2.51	2.15			
Si-Mn (Kg/TCS)	BSP	SMS-2	17.35	17.42	17.50	16.50	17.66	18.44	18.17	17.38	17.68	16.03	16.94	17.77	17.56	17.66	18.52	16.55	17.54		
		SMS-3	15.01	14.79	17.00	15.73	16.05	16.27	13.84	13.58	14.99	15.99	15.88	15.82	15.46	15.38	15.75	14.94	15.43		
	DSP	SMS	15.70	15.70	16.50	15.40	15.60	15.70	15.80	16.40	15.90	16.60	17.20	18.00	16.50	16.70	17.30	15.70	16.40		
		SMS-1	11.07	12.16	12.40	12.86	10.44	12.44	11.91	11.27	9.80	13.02	6.42	11.83	12.13	12.82	13.56	11.20	11.59		
	BSL	SMS-2	12.77	14.47	14.40	14.03	12.73	15.87	16.07	16.14	15.80	15.71	14.82	15.29	15.15	13.96	14.99	14.65	15.05		
		SMS-1	9.20	7.08		6.22	5.17	5.98	5.38	4.99	4.08	4.09	4.32	4.32	3.95	4.36	4.83	7.42	4.80		
		SMS-2	4.55	4.83		4.84	4.59	4.39	5.01	5.31	1.14	5.33	5.12	5.12	5.21	5.80	4.63	4.68			
ISP	SMS	16.19	16.31	16.30	16.12	16.36	16.73	17.57	17.53	19.12	20.65	19.67	18.81	18.32	18.59	20.60	17.68				
Oxygen Blowing (Nm3/TCS)	BSP	SMS-2	71.2	70.6	63.0	69.6	69.7	70.8	69.7	70.9	72.4	71.1	70.7	70.1	68.9	69.1	68.1	69.5	70.0		
		SMS-3	68.1	71.5		76.7	71.6	74.1	73.4	73.4	73.2	72.2	68.4	70.1	67.0	66.7	65.1	69.2	70.6		
	DSP	SMS	55.8	55.9	58.0	54.6	55.1	55.7	55.8	55.5	54.8	55.7	55.7	56.0	55.5	55.6	55.2	55.4	55.9		
		SMS-1	63.0	64.4	70.0	64.2	64.3	64.2	63.0	63.1	63.3	62.9	62.4	63.0	63.9	61.6	61.9	64.4	63.1		
	BSL	SMS-2	60.4	60.3	62.0	60.1	60.5	60.3	60.5	60.2	60.2	60.3	60.2	60.2	60.1	60.2	59.1	60.6	60.1		
		SMS-1	52.9	55.3	60.0	55.7	58.1	59.5	54.8	55.7	57.2	58.1	61.0	61.0	56.7	58.3	45.5	54.9			
		SMS-2	55.5	55.9	58.5	56.4	57.2	57.2	57.1	57.4	55.4	54.8	55.2	55.2	55.2	55.7	54.1	55.0			
ISP	SMS	50.6	50.9	54.0	52.9	52.9	55.9	53.9	53.6	52.2	48.2	51.8	52.7	53.2	52.9	0.1	0.1				
Concast Yield from cast steel (%) Conditioned slabs(SMS-2) Conditioned blooms(SMS-2) Billet Caster Yield(%) Bloom Caster Yield(%) BRC Caster Yield(%) Caster Yield(%) Caster Yield(%) Liquid steel to slab yield(%) Liquid steel to slab yield(%) Caster Yield(%)	BSP	SMS-2	96.6	96.7	97.0	96.9	97.0	96.9	97.0	97.0	97.2	97.3	97.4	97.3	97.3	97.1					

MILL WISE TECHNO-ECONOMIC PARAMETERS
Bhilai Steel Plant

Shop	Parameters	Units	2020-21	2021-22	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22
			Actual	Actual	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Rail & Struc. Mill	Overall yield	%	92.1	91.0	92.0	90.3	91.3	90.7	89.3	90.8	90.6	90.2	90.6	90.8	90.7	90.6	90.8	90.6	90.7	91.0
	Rolling rate	T/Hr.	131	107	147	106	100	105	77	98	91	83	86	85	88	89	92	120	92	107
	Mill availability	%	96.7	92.8	93.7	95.0	98.7	96.7	96.5	97.2	96.1	93.0	96.1	97.9	100.0	97.0	100.0	97.7	97.6	92.8
	Mill utilisation	% Avl.	57.2	65.1	71.0	70.0	79.0	79.0	74.2	73.8	52.5	45.6	70.6	68.4	69.9	70.6	76.5	72.1	68.9	65.1
	Sp. Heat Cons.	Mcal/T	807	863	640	1016	776	683	828	778	867	1083	782	826	704	713	758	948	805	863
	Sp. Power Cons.	Kwh/T	73	82	59	84	74	75	98	87	129	156	99	97	77	75	69	69	89	82
Merchant Mill	Overall yield	%	96.4	97.0	96.8	97.3	96.7	96.4	96.5	96.5	96.8	96.9	96.5	96.4	96.8	97.2	97.9	97.7	96.8	97.0
	Rolling rate	T/Hr.	79	84	95	85	83	92	75	81	90	83	90	84	106	106	101	92	89	84
	Mill availability	%	94.5	92.4	90.4	92.9	92.9	92.8	92.2	94.1	95.8	96.2	94.3	93.4	95.7	84.0	93.3	94.1	93.2	92.4
	Mill utilisation	% Avl.	58.7	79.4	93.1	82.0	80.4	84.3	86.9	83.8	65.8	83.1	83.6	85.6	88.1	82.0	88.5	87.7	82.9	79.4
	Sp. Heat Cons.	Mcal/T	635	747	530	749	770	717	799	782	638	642	573	641	610	639	616	755	677	747
	Sp. Power Cons.	Kwh/T	59	54	49	54	55	51	56	57	56	52	53	53	47	51	48	50	52	54
Wire Rod Mill	Overall yield	%	93.6	94.6	94.6	94.3	94.8	94.7	94.2	94.4	94.9	94.6	93.8	93.6	93.6	93.5	93.9	94.4	94.1	94.6
	Rolling rate	T/Hr.	53	55	79	57	58	47	52	54	64	65	64	63	63	66	70	56	59	55
	Mill availability	%	97.1	94.3	91.0	82.2	95.2	93.3	90.3	85.5	63.9	95.4	96.3	96.8	96.8	86.0	95.2	95.2	91.2	94.3
	Mill utilisation	% Avl.	39.1	70.9	87.3	64.6	73.4	86.0	82.2	83.0	67.7	85.5	80.6	84.2	83.8	77.1	82.3	70.2	80.1	70.9
	Sp. Heat Cons.	Mcal/T	549	560	435	612	569	584	575	548	588	563	553	563	513	521	499	582	553	560
	Sp. Power Cons.	Kwh/T	157	131	110	138	128	132	135	126	134	115	119	120	120	122	116	134	124	131
Plate Mill	Overall yield	%	90.4	91.5	91.0	91.1	96.5	90.2	89.8	92.6	96.2	92.8	93.5	91.9	96.1	91.9	93.1	94.5	91.8	91.5
	Rolling rate (Slabs rolled)	T/Hr.	165	185	209	197	119	179	187	196	126	208	202	205	132	207	200	204	197	185
	Mill availability	%	86.3	88.3	85.5	93.7	94.6	93.2	84.0	62.5	94.0	92.1	93.7	89.6	78.3	93.8	92.0	90.3	89.4	88.3
	Mill utilisation	% Avl.	65.4	77.3	91.5	91.2	76.5	90.6	81.8	78.3	65.5	91.7	92.5	89.4	89.1	85.9	90.9	93.4	88.9	77.3
	Sp. Heat Cons.	Mcal/T	503	495	500	426	425	458	477	505	438	423	437	436	443	441	441	418	443	495
	Sp. Power Cons.	Kwh/T	110	93	88	77	78	82	93	95	81	73	72	75	72	73	74	72	78	93
URM	Overall yield	%	91.1	91.5	92.0	91.7	91.2	92.3	91.4	91.6	91.6	91.8	92.0	90.9	90.9	91.7	91.8	91.7	91.6	91.5
	Rolling rate	T/Hr.	141	147	146	148	146.4	144	146	145	146	146	147	146	146	148	150	148	147	147
	Mill availability	%	94.2	93.9	90.7	98.4	97.0	96.0	97.9	76.9	94.3	97.2	96.9	97.3	97.3	98.5	98.7	98.4	95.0	93.9
	Mill utilisation	% Avl.	62.2	59.2	73.3	67.2	64.2	66.6	66.5	66.1	76.5	73.6	76.4	74.8	74.8	76.5	79.8	67.2	71.6	59.2
	Sp. Heat Cons.	Mcal/T	346	347		344.3	331.6	326.3	339.8	337.1	319.0	325.0	319.0	320.0	317.0	314.0	303.0	326.6	323.5	347.2
	Sp. Power Cons.	Kwh/T	96	99		99.9	94.6	95.0	92.7	106.2	85.7	85.0	78.4	80.1	81.4	79.2	76.1	87.6	86.8	99.3
Bar and Rod Mill	Overall yield	%		96.7	96.7	96.6	91.6	96.6	96.6	96.4	91.1	96.2	96.2	96.1	91.9	96.1	96.1	96.8	96.3	96.7
	Rolling rate	T/Hr.		117		118	185	123	126	128	192	130	119	131	208	141	145		129	117
	Mill availability	%		92.7		94.1	91.7	91.4	94.4	93.1	96.4	93.1	71.5	94.2	90.8	91.6	95.2		90.5	92.7
	Mill utilisation	% Avl.		75.3		79.6	93.5	82.0	84.8	83.7	84.2	87.7	79.1	87.2	92.5	83.0	88.9		82.3	75.3

MILL WISE TECHNO-ECONOMIC PARAMETERS
Durgapur Steel Plant

Shop	Parameters	Units	2020-21	2021-22	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22
			Actual	Actual	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Section Mill	Yield	%	90.7	91.0	91.0	90.9	91.0	91.0	91.0	90.8	91.3	91.4	90.4	91.2	91.0	91.0	91.0	90.8	91.0	91.0
	Rolling Rate	T/Hr	30.4	29.5	30.0	29.5	24.4	30.2	30.5	31.0	29.2	28.1	29.0	29.4	32.9	29.4	29.9	28.8	29.2	29.5
	Mill Availability	%	55	84		83.3	87.1	86.7	83.9	87.1	86.7	83.9	86.7	83.9	83.9	85.7	87.1	87.1	85.5	83.6
	Mill Utilisation	%Avl.	72	62	67.0	64.3	84.0	62.6	66.4	57.2	60.4	62.9	50.2	49.2	49.2	60.4	62.4	70.0	60.8	61.5
	On ICH		40	51		53.6	73.2	54.3	55.7	49.8	52.3	52.8	43.5	41.3	41.3	51.7	54.3	60.9	52.0	51.4
	Specific Heat	M.Cal/T	657	651	550	654	646	651.0	648.0	651.0	656.0	659.0	659.0	662.0	655.0	661.0	639.0	645.0	653.0	651.0
	Specific Power	Kwh/T	113	103	100	106	101	106.0	104.0	106.0	105.0	102.0	119.0	114.0	108.0	103.0	100.0	99.0	106.0	103.0
Merchant Mill	Yield	%	96.1	96.1	96.0	96.2	96.2	96.2	96.0	96.1	96.2	96.2	96.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2
	Rolling Rate	T/Hr.	57.5	62.5	64.0	64.5	64.8	65.0	61.7	68.1	67.8	65.4	65.5	62.1	64.8	64.4	64.8	62.1	64.6	62.5
	Mill Availability	%	68.9	85.2		83.3	87.1	86.7	58.1	87.1	86.7	83.9	86.7	67.7	87.1	85.7	87.1	87.1	82.2	85.2
	Mill Utilisation	%Avl.	80.5	85.0	85.4	89.2	85.8	83.9	75.1	85.2	88.5	85.9	88.3	86.4	91.7	91.9	93.1	92.4	87.4	85.0
	On ICH		55.5	72.4		74.4	74.7	72.7	43.6	74.2	76.7	72.0	76.5	58.5	79.9	78.8	81.1	80.5	71.8	72.4
	Specific Heat	M.Cal/T	359	353	355	353	352	355.0	360.0	352.0	351.0	355.0	352.0	359.0	353.0	357.0	350.0	345.0	354.0	353.0
	Specific Power	Kwh/T	54	51	52	51	50	49.0	57.0	52.0	53.0	51.0	49.0	54.0	51.0	49.0	49.0	49.0	51.0	51.0
Wheel Plant	Finished Wheel over Ingot	%	51	44	60	44	43	40	43	48	49	43	50	50	54	52	54	50	46	44
	Rolling Rate	Nos./Hr.	15	13	17	13	15	13	14	14	13	13	13	13	14	14	13	13	14	13
	Forging Availability	%	74	86		87	84	61	84	87	90	81	87	87	87	86	87	87	84	86
	Forging Utilisation	%Avl.	61.3	62.1		54.1	52.0	58.0	66.8	53.0	66.9	65.7	58.3	50.6	64.5	65.6	59.1	60.6	59.5	62.1
	On ICH		45.5	53.3	60.3	46.9	43.6	35.5	56.0	46.2	60.2	53.0	50.6	44.1	56.1	56.2	51.5	52.8	49.9	53.3
	Specific Heat	M.Cal/T	1437	1434	1442	1441	1442	1635	1422	1439	1426	1431	1454	1450	1421	1413	1436	1432	1445	1434
	Specific Power	Kwh/T	189	242	170	308	289	368	268	294	260	302	295	323	236	269	304	256	289	242
Axle Plant	Yield over good Bloom	%	56	53	60	59	57	58	44	55	54	46	56	56	53	52	57	57	52	53
	Forging Rate	Nos./Hr.	0	4		0	0	0	0	3	0	0	0	0	0	4	0	4	3	4
	Forging Availability	%	7	87		87	84	87	84	87	90	87	87	87	87	86	87	87	87	87
	Forging Utilisation :	%Avl.	11.1	8.4		0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	1.5	1.2	8.4
	On ICH		0.8	7.3		0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	3.3	0.0	1.3	1.0	7.3
	Specific Heat	M.Cal/T	1473	2281	1494	0	0	0	0	2126	0	0	0	0	0	2436	0	2818	2209	2281
	Specific Power	Kwh/T	1314	1553	450	0	0	0	0	2454	0	0	0	0	0	4982	0	11696	2454	1553
MSM	Yield	%	92.1	91.8	93.0	92.4	92.1	93.4	92.0	92.7	92.2	92.9	92.6	91.8	92.9	93.7	93.1	92.1	92.6	91.8
	Rolling Rate	T/Util.Hr.	79.0	83.8	104.0	79.5	76.8	71.6	94.6	89.6	91.0	106.5	95.2	96.5	104.9	103.0	109.6	88.5	93.5	83.8
	Mill Availability	%	90.2	96.7		100.0	100.0	65.6	86.0	97.8	100.0	100.0	80.0	96.8	100.0	100.0	100.0	100.0	93.9	96.7
	Mill Utilisation	%Avl.	47.2	61.5	67.0	61.8	73.3	78.4	60.1	61.3	64.4	56.7	54.3	57.7	65.1	68.2	61.3	69.6	63.1	61.5
	Specific Heat	M.Cal/T	962.0	720.0	550.0	745.0	723.0	844.0	736.0	709.0	670.0	635.0	733.0	724.0	582.0	604.0	591.0	634.0	679.0	720.0
	Specific Power	Kwh/T	93.0	91.0	100.0	92.0	78.0	92.0	85.0	80.0	74.0	75.0	83.0	78.0	67.0	65.0	69.0	81.0	77.0	91.0

MILL WISE TECHNO-ECONOMIC PARAMETERS

Rourkela Steel Plant

Shop	Parameters	Units	2020-21	2021-22	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22	
			Actual	Actual	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Plate Mill	Yield - Primes	%	92.1	93.4	90.0	92.4	92.1	92.5	92.2	93.4	92.3	92.4	92.3	91.6	92.4	92.9	92.5	92.1	92.4	93.4	
	Yield - Total	%	93.9	93.9	94.5	94.6	93.6	94.1	94.2	95.8	94.7	95.2	95.0	94.3	96.0	94.8	94.9	93.7	94.6	93.9	
	Average Slab Weight	Tons	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	
	Mill Availability	%	91	91	89	91	91	91	82	91	50	91	91	56	14	58	91	91	75	91	
	Mill Utilisation	%Avl.	67	89	87	82	82	86	70	62	86	74	91	92	87	93	89	92	82	89	
	Rolling Rate	T/Hr.	78	79	68	72	69	66	74	80	80	77	77	67	64	76	74	76	73	79	
	Specific Heat	M.Cal/T	365	360	360	365	367	367	368	367	369	366	363	369	372	367	365	360	366	360	
	Specific Power	Kwh/T	83	77	77	81	82	82	90	87	91	81	76	90	223	88	78	76	85	77	
HSM-I	H R Coil Yield	%	97.2	97.3	97.5	97.7	97.5	97.6	97.7	97.7	97.7	97.6	97.6	97.6	97.6	97.7	97.7	97.5	97.6	97.3	
	Average Slab Weight	Tons	16	16	15.6	16	15	16	16	16	16	16	16	16	16	15	15	16	16	16	
	Mill Availability	%	92	90	64.8	91	96	93	88	92	96	97	96	95	98	98	99	91	95	90	
	Mill Utilisation	%Avl.	69	79	90.0	73	83	84	85	44	80	21	78	68	54	23	41	75	61	79	
	Rolling Rate -HR Coils	T/Hr.	266	283	265	279	176	195	186	148	145	146	143	137	142	138	145	293	170	283	
	R.H.Fce Avail-Average	Nos./Day	1.58	1.88	1.89	1.91	1.22	1.33	1.28	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.96	1.14	1.88	
	Specific Heat	M.Cal/T	323	321	340	328	332	330	332	339	334	334	335	338	339	342	342	322	334	321	
	Specific Power	Kwh/T	87	83	95	87	95	92	96	144	99	203	99	110	118	194	143	83	107	83	
HSM-II	H R Coil Yield	%			98	96.5	97.4	97.5	97.4	97.5	98.1	97.9	97.5	96.9	97.0	97.6	97.5		97.4		
	Average Slab Weight	Tons			22	18.3	19.2	21.0	22.0	22.1	21.8	21.8	22.4	21.8	21.3	22.5		21.6			
	Mill Availability	%				80.0	90.6	82.5	91.4	85.6	89.2	88.8	94.8	90.6	89.1	90.0	93.4		88.8		
	Mill Utilisation	%Avl.				47.9	67.8	71.2	71.9	79.3	78.2	88.7	82.3	89.1	89.4	89.1	83.3		78.5		
	Rolling Rate -HR Coils	T/Hr.				167	218	297	249	290	327	284	219	329	335	341	346		290.2		
	Specific Heat	M.Cal/T				0	0	0	0	0	0	0	0	0	0	0	0		0.0		
	Specific Power	Kwh/T				355	317	307	309	320	332	328	336	326	323	325	323		323.9		
CRM	Acid Cons.in Pick Input	Kg/T	18	20	16	20	38	27	24	27	16	19	20	12	15	16	36	18	22	20	
	Zinc cons. Incl.Dross	Gms/M2	83	126	120	121	122	127	124	128	121	126	124	120	127	123	121	139	126	126	
	Zinc cons. Incl.Dross	Kg/T	34	34	33	29	32	38	33	28	29	38	31	32	35	34	33	31	33	34	
	YIELD FROM HR COILS																				
	Pickled Coils	%	95	95	97	94	94	94	93	91	95	95	95	97	96	95	96	95	95	95	95
Galvanised Sheet	%	86	87	85	87	86	86	86	85	86	86	87	87	87	87	87	87	89	86	87	
SSM	Yield from HRC-CRNO	%	81.8	80.8	80.0	80.4	80.6	82.8	85.7	86.0	86.7	86.9	87.2	87.6	88.1	87.7	88.2	80.6	85.7	80.8	
	Acid cons. in AP line	Kg/T	26.0	27.9	28.0	34.3	31.8	31.1	24.0	26.8	32.5	25.9	22.9	24.2	21.4	22.0	24.4	27.2	27.4	27.9	
	BUST Availability	%	82	83	87	7	79	81	81	78	82	85	63	86	84	86	87	81	81	83	
	Mill Utilisation	%Avl.	28	42	70	43	51	50	59	56	48	39	42	24	24	14	46	53	41	42	
Rolling Rate(Rev Mill)	T/Hr	12	11	15	11	11	12	15	16	14	14	15	15	15	8	15	11	13	11		
ERW Pipe Plant	Yield from HR Coils	%	91.3	94.5	90.0	90.7	91.9	92.1	91.4	91.9	91.9	91.6	92.6	89.6	88.8	91.9	91.9	95.8	91.4	94.5	
	API Acceptance	%	16.3	76.9	80.0	-	-	-	-	-	-	-	-	-	-	-	-	76.7	-	76.9	
	Mill Availability	%	57	58	63.8	58	58	56	58	56	58	58	56	58	58	57	56	56	57	58	
	Mill Utilisation	%Avl.	40	42	78	40	56	43	36	26	43	41	40	44	24	31	46	32	39	42	
	Rolling Rate	%	16	15	14	17	17	14	17	20	17	17	17	17	16	16	17	17	17	15	
SW Pipe Plant	Yield from HR Coils	%	89.8	88.4	90.0	89.5	89.5	90.1	91.0	91.2	91.3	91.6	91.2	92.5	92.4	92.6	96.7	90.1	91.3	88.4	
	API Acceptance	%	-	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Mill Availability	%	85	76	76	87	87	83	87	84	87	87	83	87	87	86	84	84	86	76	
	Mill Utilisation	%Avl.	58	71	85	74	72	82	89	79	69	51	71	59	69	78	84	88	73	71	
	Rolling Rate	T/Hr.	2.1	2.1	2.0	2.2	2.3	1.8	1.8	1.8	2.4	2.7	2.4	2.6	2.3	2.3	2.5	2.2	2.2	2.1	
New Plate Mill	Yield - Primes	%	90.3	90.6	90.7	89.8	90.4	90.0	89.9	89.7	91.2	90.9	90.4	90.4	89.8	91.0	89.2	91.7	90.3	90.6	
	Yield - Total	%	90.3	90.6	91.0	89.8	90.4	90.0	89.9	89.7	91.2	90.9	90.6	90.8	90.1	91.0	89.9	91.7	90.4	90.6	
	Average Slab Weight	Tons	11	12	12	13	13	12	12	11	12	12	12	13	13	12	13	12	12	12	
	Mill Availability	%	84	92	89	93	82	68	72	93	90	94	94	69	93	94	62	94	84	92	
	Mill Utilisation	%Avl.	90	95	90	90	92	94	90	87	90	93	88	95	95	94	93	96	91	95	
	Rolling Rate	T/Hr.	121	125	131	129	123	111	110	104	117	123	121	124	127	118	122	132	119	125	
	Specific Heat	M.Cal/T	333	320	330	320	324	330	331	328	327	330	332	335	332	334	340	317	330	320	
	Specific Power	Kwh/T	134	127	110	124	140	150	157	152	141	126	128	141	120	128	135	117	135	127	

MILL WISE TECHNO-ECONOMIC PARAMETERS

Bokaro Steel Plant

Shop	Parameters	Units	2020-21	2021-22	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22
			Actual	Actual	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Hot Strip Mill	YIELD OF HR COIL + T.PLATE	%	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
	AVAILABILITY AGAINST CAL. HRS.	%	92	96	92	96	97	96	91	96	92	97	96	96	97	95	96	96	95	96
	Mill Utilisation	%Avl.	72	81	80	71	70	70	72	72	74	72	72	72	75	78	77	76	73	81
	SLAB ROLLING RATE	T/Hr	582	656	570	636	646	672	657	687	664	645	656	656	676	662	715	670	668	656
	Specific Heat	M.Cal/T	483	486	470	529	538	558	542	538	569	565	565	582	534	568	560	472	553	486
	Specific Power Consumption	Kwh/T	88	79	78	83	84	83	84	79	81	81	78	72	71	72	70	77	78	79
Cold Rolling Mill I / II	YIELD OF CR SAL. FROM HR COIL	%	89	88	88	88	90	88	89	89	90	90	89	89	90	90	89	90	89	88
	UTILISATION : TM-1	%Avl.	40	50		38	38	65	20	0	3	39	72	52	53	59	63	54	41	50
	UTILISATION : TM-2	%Avl.	23	39		17	17	25	12	0	0	0	0	0	0	0	0	31	5	39
	ZINC CONSPN./T OF GAL.COIL	Kg / t	22	22	25	18	-	23	19		22	-	-	-	-	-	-	-	21	22
Cold Rolling Mill III	PLTCM: YIELD FROM HR COIL	%	94	95		97	93	98	94	95	94	94	94	94	94	94	94	95	94	95
	PLTCM: AVAILABILITY AGAINST CAL. Hrs	%	44	97		96	95	99	95	96	92	96	97	100	93	97	98	97	98	97
	PLTCM: UTILISATION	%Avl.	50	97		96	95	99	95	96	92	96	97	100	93	97	98	97	98	97
	SPM: YIELD OF CR COIL FROM HR COIL	%	91	97		97	97	97	97	97	97	97	97	97	98	98	98	97	98	97
	SPM: AVAILABILITY AGAINST CAL.Hrs	%	76	82		85	80	108	82	80	80	81	91	76	81	80	87	82	87	82
	SPM: UTILISATION	%Avl.	57	92		98	98	97	95	98	97	98	99	90	98	97	100	92	100	92
	SPECIFIC POWER CONSUMPTION	Kwh/T	264	173	195	182	200	179	181	196	217	203	195	205	217	192	191	173	191	173

MILL WISE TECHNO-ECONOMIC PARAMETERS
IISCO Steel Plant

Shop	Parameters	Units	2020-21	2021-22	Target	Apr'22	May'22	Jun'22	Jul'22	Aug'22	Sep'22	Oct'22	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23	Mar'22	Apr-Mar'23	Apr-Mar'22
			Actual	Actual	2022-23	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Wire Rod Mill	Schedule Hrs	Hrs	8760	8760	8760	720	744	720	744	744	720	744	720	744	744	672	744	744	8760	8760
	% Mill Availability	%	71	85	93	87	86	60	86	85	88	87	86	85	87	85	86	87	84	85
	Mill Availability	Hrs	6185	7421	672	625	640	430	637	633	632	646	618	634	646	573	637	646	7351	7421
	% Mill Utilisation	%	77	80	83	83	87	74	84	86	80	85	80	87	88	85	84	83	84	80
	Rolling Hours/ day wrt Mill Avl days	Hrs/ day	19	19	20	20	21	18	20	21	19	20	19	21	21	20	20	20	20	19
	Gross Heat Consumption	M.Cal/T	412	396	288	411	376	429	356	332	381	376	360	310	299	310	321	382	352	396
	Sp Power Consumption	Kwh/T of ch Wt	179	166	177	171	170	196	162	159	170	166	166	166	166	159	169	151	167	166
	CO Gas consumption	Th M ³ / Hr	1.0	1.2	1.6	1.3	1.7	0.9	1.3	1.4	1.4	1.2	1.8	1.8	2.2	2.4	2.4	1.3	1.6	1.2
	BF Gas consumption	Th M ³ / Hr	5.1	5.7	4.6	6.5	5.4	3.8	6.6	6.6	7.2	6.7	5.0	4.5	4.0	4.2	4.2	7.3	5.4	5.7
	CBM consumption	Th M ³ / Hr	1.1	1.4	0.9	1.5	1.0	0.8	1.2	1.2	1.2	1.2	0.9	0.7	0.5	0.5	0.9	1.5	1.0	1.4
	Yield	%	95.0	95.5	96.0	95.2	95.4	93.9	95.3	95.7	95.7	95.7	95.5	95.9	95.9	95.7	94.9	95.9	95.5	95.5
	Rolling Rate on yield Wt	T/Hr	75	79	77	77	69	68	79	83	77	73	75	74	73	79	77	85	76	79
Bar Mill	Schedule Hrs	Hrs	8760	8760	8760	720	744	720	744	744	720	744	720	744	744	672	744	744	8760	8760
	% Mill Availability	%	70	85	90	89	78	68	90	88	88	89	91	85	85	86	88	87	85	85
	% Mill Utilisation	%	59	71	83	70	78	65	78	79	77	76	82	90	88	88	88	78	80	71
	Rolling Hours/ day wrt Mill Avl days	Hrs/ day	14	17	20	17	19	16	19	19	19	18	20	21	21	21	21	19	19	17
	Gross Heat Consumption	M.Cal/T	419	395	288	429	395	364	264	229	240	250	271	244	242	223	220	402	273	395
	Sp Power Consumption	Kwh/T of ch Wt	108	88	90	86	88	89	82	84	87	78	78	72	75	75	73	78	80	88
	CO Gas consumption	Th M ³ / Hr	1.2	1.7	2.1	1.8	2.0	1.3	1.5	1.3	1.3	1.4	2.5	2.6	3.1	3.0	3.1	2.0	2.1	1.7
	BF Gas consumption	Th M ³ / Hr	6.5	8.4	7.5	9.8	9.3	6.8	7.8	6.6	7.1	7.5	6.9	6.6	5.7	5.3	5.4	11.5	7.1	8.4
	CBM consumption	Th M ³ / Hr	1.4	1.9	1.5	2.2	1.8	1.3	1.4	1.2	1.2	1.4	1.2	1.1	0.8	0.7	1.1	2.4	1.3	1.9
	Yield	%	95.2	95.4	96.5	94.9	95.1	94.9	95.1	95.3	95.5	96	96	96	96	96	95	95	95	95
	Rolling Rate on yield Wt	T/Hr	123	124	117	122	124	133	127	124	124	135	129	134	132	133	134	133	129	124
	US Mill	Schedule Hrs	Hrs	4368	8760	8760	720	744	720	744	744	720	744	720	744	744	672	744	744	8760
% Mill Availability		%	65	92	87	91	75	65	89	85	89	85	86	83	86	85	86	87	84	92
% Mill Utilisation		%	45	35	75	47	55	62	71	75	69	73	71	67	76	74	74	52	68	35
Rolling Hours/ day wrt Mill Avl days		Hrs/ day	11	8	18	11	13	15	17	18	17	17	17	16	18	18	18	12	16	8
Gross Heat Consumption		M.Cal/T	1010	806	284	871	663	778	634	628	685	704	677	613	578	504	456	719	632	806
Sp Power Consumption		Kwh/T of ch Wt	176	132	116	150	111	115	88	94	109	123	101	100	87	84	84	107	101	132
CO Gas consumption		Th M ³ / Hr		1.2	1.1	1.5	1.5	1.4	1.8	1.9	1.8	1.7	2.7	2.7	3.7	3.7	3.3	1.4	2.3	1.2
BF Gas consumption		Th M ³ / Hr	6.2	5.9	4.1	8.1	6.9	7.3	9.7	9.2	9.3	9.6	7.8	6.9	6.8	6.5	5.8	8.0	7.8	5.9
CBM consumption		Th M ³ / Hr	1.4	1.3	0.8	1.9	1.3	1.4	1.8	1.6	1.5	1.7	1.4	1.1	0.9	0.9	1.2	1.6	1.4	1.3
Yield		%	95.3	93.4	95.0	93.0	92.6	93.5	94.9	94.1	92.7	93	93	93	93	93	93	94	93	93
Rolling Rate on yield Wt		T/Hr	69	75	68	72	79	73	73	69	61	64	66	73	73	84	82	78	72	75

Consumption of Coking Coal and CDI Coal during Mar'23 & 2022-23

Month / Category	Quantity in Tonnes							Total Coking Coal	CDI Coal
	Indigenous Coking Coal			Imported Coking Coal					
	PCC	MCC	Total	Hard	Soft	Total			
BSP	Mar'23	56508	14506	71014	330155	67590	397745	468759	72865
	2022-23	526729	26795	553524	3368693	932110	4300803	4854327	660912
DSP	Mar'23	23730	9854	33584	133165	30333	163498	197082	20654
	2022-23	320108	109292	429400	1467477	356770	1824247	2253647	163324
RSP	Mar'23	23003	5738	28741	198042	61625	259667	288408	53033
	2022-23	360468	24058	384526	2262270	751347	3013617	3398143	532967
BSL	Mar'23	56789	17747	74536	215945	65259	281204	355740	0
	2022-23	554664	221858	776522	2475352	736880	3212232	3988754	224301
ISP	Mar'23	14313	0	14313	115696	32607	148303	162616	29836
	2022-23	159800	0	159800	1238191	427707	1665898	1825698	304717
SAIL	Mar'23	174343	47845	222188	993003	257414	1250417	1472605	176388
	2022-23	1921769	382003	2303772	10811983	3204814	14016797	16320569	1886221

Blend %					
Indigenous Coking Coal			Imported Coking Coal		
PCC	MCC	Total	Hard	Soft	Total
12.1%	3%	15.1%	70.4%	14.4%	84.9%
10.9%	1%	11.4%	69.4%	19.2%	88.6%
12.0%	5.0%	17.0%	67.6%	15.4%	83.0%
14.2%	4.8%	19.1%	65.1%	15.8%	80.9%
8.0%	2.0%	10.0%	68.7%	21.4%	90.0%
10.6%	0.7%	11.3%	66.6%	22.1%	88.7%
16.0%	5.0%	21.0%	60.7%	18.3%	79.0%
13.9%	5.6%	19.5%	62.1%	18.5%	80.5%
8.8%	0%	8.8%	71.1%	20.1%	91.2%
8.8%	0%	8.8%	67.8%	23.4%	91.2%
11.8%	3.2%	15.1%	67.4%	17.5%	84.9%
11.8%	2.3%	14.1%	66.2%	19.6%	85.9%

Note: The above information is based on the reports from plants/CCSO

Receipt, Consumption and Stocks of Coking Coal at Plants during Mar'23

(A) Receipt at Plants	TPD	
	Plan	Actual
Indigenous Coal	7710	7640
Imported Coking Coal	41226	41675
Total Coal	48935	49315

(B) Consumption at Plants	Actual (000T)	Average (TPD)
	Indigenous Coal	222
Imported Coal	1250	40336
Total Coal	1473	47503

(C) Month-wise stocks at plants ('000 T)

Category	01-10-22	01-11-22	01-12-22	01-01-23	01-02-23	01-03-23	01-04-23
Indigenous	35	44	47	54	74	76	85
Imported	281	252	152	145	175	212	269
Total	315	297	198	199	249	288	354

Note: The above information is based on the reports from plants/CCSO/T&S

MONTHLY SUMMARY OF POWER DATA FOR 2022-23

PLANT	CAPTIVE POWER GENERATION															Windmg	Purchase from PX	Renewable +GDAM Purchase from PX	DRAWAL FROM GRID	TOTAL POWER CONS.	NIL GRID POWER NOS.	DURN. HRS	SPECIFIC POWER CONS. KWH/TS	CAPTIVE POWER GENERATION				
	PLAN					ACTUAL					ACTUAL LAST YEAR																	
	OWN (OLD)	New P&BS	JV-PP-II	DRAWAL FROM JV PPS	TOTAL	OWN (OLD)	New P&BS	JV-PP-II	DRAWAL FROM JV PPS	TOTAL	OWN CPP	JV CPP	DRAWAL FROM PPS	TOTAL GEN	TOTAL POWER CONS.													
	MW					MW					MW																	
BSP	Apr-22	14.5	41.0	54.1	247.7	357.3	13.9	35.5	59.8	239.2	348.5							Apr-21	28.1	63.4	241.2	332.7	342.3					
	May-22	14.0	41.0	54.1	247.7	356.8	16.6	30.8	52.2	231.7	331.3							May-21	36.8	55.6	239.2	331.6	338.1					
	Jun-22	14.0	41.0	54.1	247.7	356.8	14.2	39.8	37.3	242.2	333.4							Jun-21	44.7	63.0	225.4	333.0	367.1					
	Jul-22	14.0	41.0	54.1	247.7	356.8	14.5	39.9	34.5	242.9	331.9							Jul-21	50.3	64.8	243.4	358.6	371.9					
	Aug-22	14.0	41.0	54.1	247.7	356.8	15.7	39.1	34.8	234.3	323.9							Aug-21	49.0	50.0	243.7	342.7	377.2					
	Sep-22	14.0	41.0	54.1	247.7	356.8	15.0	38.5	38.5	220.6	312.6							Sep-21	49.0	64.5	155.2	268.7	377.6					
	Oct-22	14.0	41.0	54.1	247.7	356.8	18.6	38.4	34.6	247.8	339.4							Oct-21	50.2	66.0	183.9	300.1	373.3					
	Nov-22	14.0	41.0	54.1	247.7	356.8	23.1	40.1	36.2	122.2	221.6							Nov-21	53.6	65.2	233.2	352.0	362.7					
	Dec-22	14.0	41.0	54.1	247.7	356.8	16.8	34.6	37.8	225.7	314.9							Dec-21	50.7	63.8	203.4	318.0	364.2					
	Jan-23	14.0	41.0	54.1	247.7	356.8	25.7	40.2	51.3	233.2	350.5							Jan-22	51.4	48.0	233.0	332.4	351.3					
	Feb-23	14.0	41.0	54.1	247.7	356.8	28.9	38.7	38.7	240.2	346.5							Feb-22	51.9	57.6	238.8	348.4	356.0					
	Mar-23	14.0	41.0	54.1	247.7	356.8	30.8	39.9	46.2	242.1	358.9							Mar-22	52.2	65.3	240.1	357.5	369.1					
	Cum.	14.0	41.0	54.1	247.7	356.8	19.5	38.0	41.8	226.8	326.1							Cum.	47.3	60.6	223.4	331.3	362.6					
DSP	Apr-22	5.7	117.6		123.3	5.0	114.0	0.0	119.0									Apr-21	5.0	115.0		120.0	164.0					
	May-22	5.7	120.0		125.7	5.0	117.0	0.0	122.0									May-21	5.0	120.0		125.0	164.0					
	Jun-22	5.7	105.0		110.7	5.0	109.0	0.0	114.0									Jun-21	5.0	118.0		123.0	158.0					
	Jul-22	5.7	115.0		120.7	5.0	104.0	0.0	109.0									Jul-21	5.0	113.0		118.0	169.0					
	Aug-22	5.7	60.0		65.7	5.0	94.0	0.0	99.0									Aug-21	5.0	84.0		89.0	161.0					
	Sep-22	5.7	115.0		120.7	5.0	79.0	0.0	84.0									Sep-21	5.0	101.0		106.0	167.0					
	Oct-22	5.7	120.0		125.7	5.0	97.0	0.0	102.0									Oct-21	5.0	119.0		124.0	168.0					
	Nov-22	5.7	90.0		95.7	5.0	121.0	1.6	127.6									Nov-21	5.0	113.0		118.0	168.0					
	Dec-22	5.7	120.0		125.7	5.0	112.0	7.3	124.3									Dec-21	5.0	121.0		126.0	167.0					
	Jan-23	5.7	120.0		125.7	5.0	106.0	9.6	120.6									Jan-22	5.0	120.0		125.0	168.0					
	Feb-23	5.7	120.0		125.7	5.0	115.0	6.2	126.2									Feb-22	5.0	115.0		120.0	158.0					
	Mar-23	5.7	120.0		125.7	5.0	116.0	10.0	131.0									Mar-22	5.0	119.0		124.0	172.0					
	Cum.	5.7	110.2		115.9	5.0	107.0	2.9	114.9									Cum.	5.0	113.2		118.2	165.3					
RSP	Apr-22	30.0	36.6	80.0	160.0	306.6	25.0	38.2	106.3	55.6	225.1	0.0	0.1	2.8	108.9	337.0	0.0	504.1	Apr-21	60.0	122.9		182.8	292.2				
	May-22	30.0	34.6	120.0	160.0	344.6	35.0	37.8	111.2	46.4	230.4	0.0	0.4	0.4	101.0	341.2	0.0	502.7	May-21	64.3	116.4		180.7	305.4				
	Jun-22	36.0	36.6	120.0	160.0	352.6	27.2	31.4	90.9	73.0	222.5	0.0	8.1	0.0	103.4	334.0	0.0	464.4	Jun-21	52.0	114.6		166.7	285.2				
	Jul-22	36.0	29.6	120.0	160.0	345.6	34.5	28.6	100.4	0.0	163.5	0.0	20.5	0.0	139.7	323.7	0.0	505.9	Jul-21	70.3	106.7		176.9	306.3				
	Aug-22	36.0	29.6	60.0	220.0	345.6	33.3	32.4	105.8	33.0	204.5	0.0	17.5	0.0	102.1	324.1	0.0	520.4	Aug-21	72.1	71.8		144.0	298.5				
	Sep-22	36.0	38.6	72.0	180.0	328.6	29.2	38.1	74.2	3.3	144.7	0.0	25.2	0.0	149.7	319.7	0.0	479.3	Sep-21	72.1	83.7		155.8	293.8				
	Oct-22	36.0	39.6	120.0	160.0	355.6	25.9	33.1	63.0	0.0	122.0	0.0	45.0	0.0	137.4	304.4	0.0	465.7	Oct-21	70.5	121.2		191.7	303.5				
	Nov-22	33.0	23.0	120.0	160.0	336.0	28.3	42.0	118.5	0.0	188.9	0.0	7.3	0.0	116.3	312.4	0.0	478.7	Nov-21	71.2	119.3		190.5	299.3				
	Dec-22	30.0	33.6	120.0	0.0	183.6	26.2	33.5	84.4	109.7	253.8	0.0	7.4	0.0	74.4	335.6	0.0	460.2	Dec-21	64.2	124.2		188.4	301.0				
	Jan-23	33.0	33.6	120.0	160.0	346.6	24.6	33.9	58.4	168.9	285.8	0.0	0.0	0.0	42.0	327.8	0.0	468.0	Jan-22	56.7	122.1		178.8	302.7				
	Feb-23	30.0	40.6	120.0	160.0	350.6	26.4	26.8	60.8	162.7	276.7	0.0	0.0	0.0	45.2	321.9	0.0	449.2	Feb-22	68.5	121.6		190.1	312.1				
	Mar-23	36.0	40.6	120.0	160.0	356.6	39.7	41.9	81.3	110.7	273.5	0.0	0.0	0.0	68.9	342.4	0.0	470.0	Mar-22	82.7	121.8		204.6	342.5				
	Cum.	33.5	34.7	107.7	153.3	329.2	29.6	34.8	87.9	63.6	215.9	0.0	11.7	0.3	99.1	327.0	0.0	480.1	Cum.	67.1	112.2		179.3	305.5				
BSL	Apr-22	155.0			155.0				145.2	145.2					176.0	321.2	0.0	491.1	Apr-21	133.9			133.9	303.6				
	May-22	155.0			155.0				152.3	152.3					159.2	311.4	0.0	482.6	May-21	134.1			134.1	299.7				
	Jun-22	155.0			155.0				149.7	149.7					176.9	326.5	0.0	513.6	Jun-21	131.8			131.8	304.7				
	Jul-22	155.0			155.0				148.7	148.7					166.5	315.1	0.0	473.8	Jul-21	134.6			134.6	309.0				
	Aug-22	155.0			155.0				144.2	144.2					154.4	298.6	0.0	452.7	Aug-21	145.6			145.6	318.8				
	Sep-22	155.0			155.0				141.0	141.0					165.3	306.3	0.0	470.5	Sep-21	149.0			149.0	307.6				
	Oct-22	155.0			155.0				156.1	156.1					154.9	310.9	0.0	470.1	Oct-21	144.7			144.7	310.2				
	Nov-22	155.0			155.0				156.0	156.0					149.6	305.5	0.0	465.1	Nov-21	145.0			145.0	309.1				
	Dec-22	155.0			155.0				157.2	157.2					157.4	314.5	0.0	465.1	Dec-21	142.5			142.5	303.7				
	Jan-23	155.0			155.0				156.2	156.2					163.0	319.2	0.0	470.6	Jan-22	150.4			150.4	306.4				
	Feb-23	155.0			155.0				157.6	157.6					157.5	315.1	0.0	451.5	Feb-22	151.5			151.5	312.4				
	Mar-23	155.0			155.0				154.6	154.6					168.0	322.6	0.0	424.9	Mar-22	151.8			151.8	313.4				
	Cum.	155.0			155.0				151.6	151.6					162.4	313.9	0.0	467.8	Cum.	142.9			142.9	308.2				
ISP	Apr-22	47.2			47.2				35.7	35.7					116.4	152.1	0.0	540.5	Apr-21	30.2			30.2	116.2				
	May-22	44.5			44.5				37.2	37.2					106.7	143.8	0.0	570.4	May-21	33.9			33.9	120.8				
	Jun-22	48.8			48.8				39.9	39.9					95.2	135.1	0.0	622.1	Jun-21	45.0			45.0	151.7				
	Jul-22	48.7			48.7				48.5	48.5					108.3	156.8	0.0	545.4	Jul-21	44.8			44.8	149.9				
	Aug-22	48.7			48.7				50.0	50.0					107.6	157.6	0.0	506.0	Aug-21	48.1			48.1	151.2				
	Sep-22	48.8			48.8				39.2	39.2					113.0	152.2	0.0	530.4	Sep-21	46.6			46.6	151.0				
	Oct-22	48.8			48.8				49.7	49.7					102.6	152.3	0.0	511.4	Oct-21	49.0			49.0	152.5				
	Nov-22	48.8			48.8				49.3	49.3					100.8	150.2	0.0	507.9	Nov-21	48.5			48.5	148.6				
	Dec-22	48.8			48.8				51.6	51.6					102.2	153.9	0.0	483.4	Dec-21	49.3			49.3	152.4				
	Jan-23	48.9			48.9				52.3	52.3					101.0	153.3	0.0	478.6	Jan-22	51.0			51.0	153.8				
	Feb-23	49.0			49.0				52.6	52.6					101.6	154.2	0.0	477.2	Feb-22	30.5			30.5	148.5				
	Mar-23	49.1			49.1				49.7	4																		

MAJOR REPAIR/ CAPITAL REPAIR 2022-23

BHILAI STEEL PLANT:

Shop	Unit	Critical Activities Planned during CR	Schedule (days)	Period	Actual
SINTER PLANT	SP-2 M/C-3	Replacement of multi-cyclones with ESP's	20	May'22	20.7.22-3.8.22
	SP-2 M/C-4		20	Apr'22	4.5.22-20.5.22
	SP-3 M/C-1	Capital Repair	10	Oct'22-Nov'22	8.12.22-11.12.22
	SP-3 M/C-2	Capital Repair	10	May'22-Jun'22	12.12.22 - 16.12.22
BLAST FURNACE	BF-1	Capital Repair		Jul-Nov'22	Idle since 29.6.22-contd.
	BF-4	Capital Repair	8	Jan-Feb'23	
	BF-5	Capital Repair	8	Jul-Aug'22	
	BF-6	Capital Repair (Shot creting)	4	Apr'22	14.4.22-17.4.22
	BF-6	Capital Repair (Cat-I)		Dec'22 onwards	
	BF-7	Capital Repair (Cat-I) from 21.8.21- contd.		till Jun'22	21.8.21 - 26.10.22
	BF-8	Repairs (Linked with availability of HBV)	4+4	Apr'22 & May'22	21.4.22-26.4.22 15.5.22-20.5.22 8.12.22-12.12.22
SMS-2	Conv.-A	Capital Repair	10	Jan'23	
	Conv.-B	Capital Repair	10	Apr'22	12.5.22- 1.6.22
	Conv.-C	Capital Repair	10	Sep-Oct'22	20.9.22 – 2.10.22
	M/c-2	Capital Repair	60	May-Jun'22	15.5.22 – 30.7.22
	M/c-5	Capital Repair	16	Nov-Dec'22	
	M/c-6	Capital Repair	25	Sep-Oct'22	
SMS-3	Conv.-1	Capital Repair (hood changing)	9	May-Jun'22	
	Conv.-1	Capital Repair (Relining)	12	Oct-Nov'22	
	Conv.-3	Capital Repair(Relining)	15	Jul'22	26.7.22-13.8.22
	CK-1	Capital Repair	7	Apr'22	14.4.22-23.4.22
	CK-2	Capital Repair	8	Sep'22	
	CV-1	Capital Repair	10	Jul'22	
Mills	RSM	Capital Repair	12	Nov'22	
	URM*	Capital Repair	7+7	Jun-Jul'22/Jan'23	10.8.22-16.8.22
	MM	Capital Repair	6	Oct'22	13.2.23-16.2.23
	WRM	Capital Repair	16	Dec'22	2.9.22- 12.9.22
	BRM	Capital Repair	10	Sep'22	15.11.22- 21.11.22 17.1.23-31.1.23
	PM	Capital Repair (incl Mill Housing machining)	30	Jan-Feb'23	30.7.22-11.8.22 (Mill Housing machining not done)

MAJOR REPAIR/ CAPITAL REPAIR PLAN OF SAIL 2022-23

DURGAPUR STEEL PLANT:

Shop	Unit	Critical Activities Planned during CR	Schedule (days)	Period	Actual
Sinter Plant	SP#1	Std#1: 10days, Std#2: 10days,common 6 days	20	Aug'22	Std-1 : 10.12.22- 18.12.22 Std-2 : 28.6.22- 3.7.22, 10.12.22- 15.12.22
	SP#2	Capital Repair	20	Dec'22	6.7.22-8.7.22 5.12.22- 9.12.22
BF	BF#2	Repair of Top Structure	7+ 3 (revival)	Dec'22	
	BF#3	BLT maintenance, Insertion of Foldable Platform, Shot Creting	9+ 3 (revival)	Aug'22	5.12.22- 14.12.22
	BF#4	Top equipment changing, MTA changing, Shot Creting,	10 + 3 (revival)	Jun'22	29.6.22- 11.7.22
SMS	Converter #1	Campaign Repair	8	Aug'22	29.6.22- 7.7.22
	Converter #2	Campaign Repair	8	Dec'22	15.11.22- 25.11.22
	Converter #3	Campaign Repair	8 each	Jun'22 and Feb'23	12.4.22- 26.4.22 5.12.22- 11.12.22
	Billet Caster #1	Capital Repair	7	Jun'22	30.6.22- 7.7.22
	Billet Caster #2	Capital Repair (Withdrawal and straightening unit jobs)	7	Dec'22	
	Bloom Caster	Capital Repair	7	Feb'23	
	BRC	Capital Repair	7	Aug'22	5.12.22- 12.12.22
Mills	MM	Capital Repair	10	May'22	14.7.22- 23.7.22
	MSM	Capital Repair	7 each	Jul'22 and Jan'23	1.6.22- 10.6.22 25.11.22 – 2.12.22
	WAP	Capital Repair	10	Jun'22	20.6.22- 28.6.22
	SM	Capital Repair	7	Nov'22	

MAJOR REPAIR/ CAPITAL REPAIR PLAN OF SAIL 2022-23

ROURKELA STEEL PLANT:

Shop	Unit	Critical Activities Planned during CR	Schedule (days)	Period	Actual
Sinter Plant	SP-I	Capital Repair	12	Sep'22	Strand-1: 13.1.23-29.1.23, Strand-2: 13.1.23 to 28.1.23
	SP-II	Capital Repair	10	Aug'22	23.8.22- 29.8.22
	SP - III	Capital Repair	6+6	Apr'22+ Dec22	28.4.22-2.5.22
BF	BF#1	Shotcreting, interlinking of BF2 bunkers to existing charging ckt of BF1	3+2	Aug'22	
	BF#4	BLT planetary gear box change	3 + 2 (Revival)	Apr'22	
	BF#5	Shotcreting	3 + 3 (Revival)	Dec'22	
SMS	SMS-I	LD - P relining ,cone change ,hood change	8+9	Jul'22+ Jan23	16.8.22- 28.8.22 6.3.23-18.3.23
		LD - Q relining ,cone change ,hood change	9+8	May22+ Oct '22	5.4.22-12.4.22 5.11.22 – 15.11.22
	SMS-II	Conv- C : 1st Relining + Fixed Hood change	21	Apr'22	21.4.22-11.5.22 28.4.22-4.5.22
		Caster III - Capital repair	6		
	SMS-II	Conv- A : 1st Relining+ Tilting drive commissioning	16	Aug'22	22.7.22-2.8.22 14.2.23-24.2.23
		Caster I - Capital repair	6		26.7.22-1.8.22 13.2.23-16.2.23
	SMS-II	Conv- B : Relining + Tilting drive commissioning	16	Dec'22	12.10.22-25.10.22
		Conv- C : 2nd Relining	7	Feb '23	
	SMS-II	Caster II - Capital repair	6	Feb' 23	14.10.22-17.10.22
NPM		C/R of Mills & Furnace scale cleaning	(6+6)+6	(May + Jun '22) & Dec22	28.5.22-9.6.22 8.7.22-15.7.22 12.12.22-20.12.22
	Sep'22 & feb23			5.9.22-18.9.22	
Mills	PM	C/R of Mills & Furnace	12+6	Sep'22 & feb23	5.9.22-18.9.22
	HSM-1	Mill	8	Jul'22	
		RHF#5 repair	8+8+8	Apr + Jul + Oct'22	17.5.22 – 28.5.22
		RHF#6 repair	8+8+8	Apr + Jul + Nov'22	28.4.22-14.5.22
	HSM-2	Complete checking & Inspection of Mill & Fce scale cleaning	14	Aug'22	
		RHF #1 Scale cleaning	12	Dec'22	26.10.22-9.11.22
RHF #2 Scale cleaning		12	Jan'23	23.7.22-5.8.22 18.11.22 – 30.11.22	

MAJOR REPAIR/ CAPITAL REPAIR PLAN OF SAIL 2022-23

BOKARO STEEL PLANT:

Shop	Unit	Critical Activities Planned during CR	Schedule (days)	Period	Actual
Sinter Plant	M/c-1	Capital Repair	15	Apr-May'22	18.5.22 – 30.5.22
	M/c-2	Capital Repair	15	Oct'22	8.11.22-22.11.22
	M/c-3	Capital Repair	12	Jan'23	
	M/c-3	Installation of ESP#5	90	From Jan'23	
BF	BF#1	Shot-creting (03 days) & normalization (05 days)	8	Apr'22	18.5.22 - 21.5.22
	BF#5	Shot-creting (03 days) & normalization (05 days)	8	Aug'22	
	BF#3	Blowing down		Oct'22 onwards	30.9.22- contd.
	BF#4	Blowing In after CR from 24.8.19		Oct'22 onwards	Blow in on 9.9.22
SMS	SMS-I New	Conv. #E (5) – Campaign repair	9 each	Apr'22 Nov'22	14.5.22- 14.6.22
		Turret rotary union seal changing during the Camp. Repair of Conv.#E(5)	4	Apr'22	
		Conv #D(1) – Campaign repair	12 each	May'22 Aug'22 Nov'22 Feb'23	5.5.22- 23.5.22 6.10.22- 22.10.22 1.2.23- 20.2.23
	SMS-II & CCS	Campaign repair of Conv#2 & C/R of St-IV	10	Aug'22	3.8.22 - 17.8.22
		Campaign repair of Conv#1	10	Oct'22	8.11.22-17.11.22
MILL	HSM	Mill Complex Capital Repair	10	Apr-May'22	
	CRM-1/2	SPM-1 Changing of main stand gear pair	15	Apr-May'22	4.4.22-6.6.22
	CRM III (PLTCM)	Capital Repair	7	May'22	
	CRM III (HGP)	Installation of Electrolyzer of Skid#A	5	Dec'22	

MAJOR REPAIR/ CAPITAL REPAIR PLAN OF SAIL 2022-23

IISCO STEEL PLANT:

Shop	Unit	Critical Activities Planned during CR	Schedule (days)	Period	Actual
Sinter Plant	SP-I	Capital Repair	7	May-Jun'22	29.5.22 – 1.6.22
	SP-II	Capital Repair	11		27.5.22 – 7.6.22
Blast Furnace	BF-5	HMI Upgradation	8+3 Revival	May-Jun'22	28.5.22 – 4.6.22
SMS	Conv.#1	Relining	7	Jun'22	19.11.22- 1.12.22
	Conv.#2	Relining	7 each	Apr-May'22 & Feb'23	28.7.22-2.8.22 21.3.23-8.3.23
	Conv.#3	Relining	7	Nov'22	10.11.22- 15.11.22
	Caster-1	Capital Repair	7	May-Jun'22	29.5.22 – 6.6.22
	Caster-2		7		
	Caster-3		5		
Mills	WRM	Capital Repair	8	Jun'22	3.6.22 – 10.6.22
	Bar Mill		10	May-Jun'22	29.5.22 – 7.6.22
	USM		10	May-Jun'22	29.5.22 – 8.6.22



COMMODITY WISE AVERAGE PLANT DETENTION AT STEEL PLANTS DURING 2022 - 2023

UNIT : IN HOURS

PLANT	COMMODITY	WAGON TYPE	FREETIME (HRS.) BEFORE 01.09.2022	APR'22	MAY'22	JUN'22	JUL'22	AUG'22	FREETIME w.e.f. 01.09.22	SEP'22	OCT'22	NOV'22	DEC'22	JAN'23	FEB'23	MAR'23				
																1ST-14TH	1ST-31ST			
BHILAI STEEL PLANT	Ind.Coking Coal	BOXN	L - E	14.0	11.5	12.0	11.2	9.4	13.1	8.0	13.4	10.5	10.1	7.3	8.2	8.1	8.0	8.5		
	Imp.Coking Coal	BOXN		14.0	11.3	11.2	12.3	12.3	17.1	8.0	12.5	18.1	9.6	10.3	9.4	8.6	8.2	8.5		
	Boiler Coal	BOXN		14.0	13.4	16.3	15.0	18.1	16.2	8.0	14.5	18.5	12.4	11.1	11.3	11.6	13.3	11.5		
	Iron Ore	BOBS/N		5.5	4.3	4.3	5.1	6.5	6.4	3.0	5.3	5.3	5.3	3.1	3.3	2.3	2.4	2.3		
		BOXN		14.0	13.2	17.1	29.4	46.3	20.1	8.0	24.6	16.3	15.3	10.4	12.5	10.3	0.0	9.3		
	Flux	BOBS/N		5.5	5.3	6.4	6.4	5.6	9.2	3.0	6.2	5.3	2.6	4.2	5.1	2.4	3.2	3.1		
		BOST		14.0	9.5	0.0	14.4	10.4	10.5	8.0	10.1	10.2	12.0	6.2	6.4	0.0	0.0	5.5		
		BOXN		14.0	11.0	13.2	13.1	16.1	14.1	8.0	13.3	13.1	13.5	9.4	9.4	7.4	12.0	10.1		
	Coke Products	BOXN		18.0	0.0	14.3	0.0	0.0	0.0	8.0	0.0	0.0	7.6	13.4	11.0	9.3	0.0	0.0		
	Total Inward				8.1	9.0	10.3	11.2	11.4		9.5	11.2	8.6	6.6	7.0	5.5	6.3	6.3		
	Outward Despatch	BOST		BOXN	E - L	34.0	30.4	27.5	25.6	27.1	25.4	16.0	17.0	17.2	16.3	17.6	17.5	18.1	16.1	16.3
						34.0	15.6	14.1	13.5	8.4	10.2	16.0	9.6	10.3	11.0	10.2	10.6	11.4	10.4	10.4
		BRN		36.0		31.5	32.4	27.5	27.3	28.4	18.0	17.4	17.6	17.3	17.4	18.0	19.4	17.0	17.3	
		BFNS		36.0		31.4	28.6	26.5	27.3	26.4	18.0	16.5	18.3	17.1	17.2	18.1	19.2	17.3	17.6	
		LOHA-BRN		36.0		37.3	37.5	39.3	32.1	29.0	18.0	19.6	19.4	0.0	21.2	19.4	19.3	17.3	17.3	
DMT		24.0	19.5	18.2		17.5	18.3	18.4	18.0	15.2	15.4	14.3	14.4	13.3	14.2	13.4	13.3			
Total Outward				26.2	24.3	23.4	22.1	21.1		14.6	15.4	14.5	15.3	15.6	16.2	14.5	14.5			
Over all	BOST	BRN		23.5	23.1	23.6	24.3	22.4		13.6	16.1	11.4	15.5	15.6	17.6	15.3	16.0			
				31.5	32.0	27.3	26.5	28.3	17.1	17.5	17.2	17.4	18.0	19.2	17.0	17.3				
	BFNS	31.4		28.2	26.3	27.3	26.4	16.5	18.2	17.1	17.2	18.1	19.2	17.3	17.6					
	LOHA BRN	37.3		37.5	39.3	32.1	29.0	19.6	19.4	0.0	21.2	19.4	19.3	17.3	17.3					
	DMT	19.5		18.2	17.5	18.3	18.4	15.2	15.4	14.3	14.4	13.3	14.2	13.4	13.3					
	BOBS/N	4.4		5.0	5.1	6.5	6.5	5.3	5.3	5.2	3.1	3.3	2.3	2.4	2.3					
OVERALL WAGON				12.3	12.6	13.4	13.5	14.1		11.0	12.2	10.2	9.1	9.1	8.3	8.2	8.2			
DURGAPUR STEEL PLANT	Ind.Coking Coal	BOXN	L - E	14.0	18.0	14.0	15.0	17.0	17.0	12.0	16.0	20.0	22.0	16.0	14.0	12.0	18.0	16.0		
	Imp.Coking Coal	BOXN		14.0	18.0	14.0	13.0	15.0	21.0	12.0	18.0	21.0	17.0	14.0	13.0	12.0	14.0	14.0		
	Middling Coal	BOXN		14.0	20.0	17.0	21.0	19.0	23.0	12.0	20.0	22.0	23.0	20.0	18.0	16.0	18.0	17.0		
	Iron Ore	BOXN		14.0	15.0	15.0	20.0	18.0	26.0	12.0	18.0	19.0	18.0	16.0	14.0	12.0	12.0	13.0		
	Flux	BOXN		14.0	20.0	19.0	26.0	21.0	28.0	12.0	25.0	29.0	31.0	25.0	19.0	15.0	12.0	21.0		
	HARD COKE	BOXN		18.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Total Inward				17.0	15.0	19.0	18.0	24.0		19.0	21.0	20.0	17.0	15.0	13.0	14.0	15.0		
	Outward Despatch	BOST		BOXN	E - L	34.0	32.0	34.0	34.0	30.0	33.0	20.0	28.0	33.0	31.0	32.0	32.0	27.0	33.0	29.0
						34.0	39.0	41.0	52.0	42.0	51.0	20.0	38.0	40.0	43.0	53.0	33.0	31.0	25.0	32.0
		BRN		36.0		23.0	27.0	27.0	25.0	28.0	20.0	26.0	27.0	32.0	29.0	26.0	26.0	27.0	28.0	
	Total Outward				32.0	34.0	33.0	30.0	33.0		28.0	32.0	32.0	32.0	31.0	27.0	32.0	29.0		
	Over all	BOST		BRN		32.0	34.0	34.0	30.0	33.0		28.0	34.0	34.0	33.0	32.0	26.0	33.0	29.0	
						23.0	27.0	27.0	25.0	28.0	26.0	41.0	33.0	35.0	27.0	26.0	28.0	29.0		
		BOXN		18.0		16.0	19.0	19.0	24.0	20.0	22.0	21.0	18.0	15.0	14.0	14.0	15.0			
	OVERALL WAGON				20.0	19.0	22.0	21.0	26.0		22.0	24.0	22.0	20.0	18.0	16.0	17.0	18.0		
ROURKELA STEEL PLANT	Ind.Coking Coal	BOXN	L - E	14.0	19.9	19.3	20.4	27.0	21.1	12.0	12.7	17.0	15.8	15.6	21.0	18.4	13.0	15.0		
	Imp.Coking Coal	BOXN		14.0	20.4	18.3	19.6	23.5	24.2	12.0	18.0	16.9	16.8	16.2	18.0	17.9	14.3	15.4		
	Boiler Coal	BOXN		14.0	19.5	20.7	22.3	30.7	19.3	12.0	14.3	15.4	18.2	19.1	23.7	23.5	15.6	17.3		
	Iron Ore	BOBS/N		5.5	6.4	8.5	10.4	13.9	16.4	5.3	11.9	10.0	6.4	6.4	6.9	5.8	4.9	5.0		
		BOXN		14.0	24.7	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Flux	BOXN		14.0	17.9	16.4	20.6	22.5	18.9	12.0	17.8	19.3	18.3	17.9	19.0	18.0	14.5	14.7		
	HARD COKE	BOXN		18.0	33.8	32.2	27.5	29.8	24.8	12.0	0.0	0.0	21.8	21.3	23.2	22.9	22.4	22.9		
	Total Inward				13.9	13.4	15.4	19.9	19.6		14.7	13.9	12.2	11.8	13.7	13.6	10.5	11.6		
	Outward Despatch	BOST		BOXN	E - L	34.0	42.0	36.0	35.4	35.8	36.2	22.0	29.9	30.1	26.4	30.4	28.7	28.7	27.0	25.8
						34.0	35.4	27.9	28.6	27.2	25.8	22.0	20.7	22.2	19.4	18.2	24.8	25.3	22.8	20.9
		BRN		36.0		44.9	40.9	38.0	36.9	36.3	24.0	28.9	30.1	27.4	29.7	28.9	28.1	29.9	29.2	
		BFNS		36.0		45.1	39.2	37.0	32.9	33.1	24.0	29.4	28.9	25.8	30.3	28.3	27.1	27.4	27.2	
	Total Outward				40.6	33.6	32.8	31.8	33.0		27.4	27.2	24.7	27.3	27.5	27.6	25.3	24.4		
	Over all	BOST		BRN		33.8	31.5	32.5	33.2	35.4		29.6	29.5	25.7	30.4	28.7	28.7	27.0	25.5	
						44.9	40.9	38.0	36.9	36.3	28.9	30.1	27.4	29.7	28.9	28.1	27.8	25.0		
BFNS		45.1	39.2	37.0		32.9	33.1	29.4	28.9	25.8	30.3	28.3	27.1	27.4	27.2					
BOXN		23.0	20.6	22.6		26.1	22.6	17.9	18.3	17.9	17.4	20.4	20.5	16.0	16.6					
BOBS/N		6.4	8.5	10.4		13.9	16.4	12.0	10.3	6.4	6.4	6.9	5.8	4.9	5.0					
OVERALL WAGON				20.6	19.3	20.9	24.6	23.7		17.7	18.0	15.4	15.4	16.8	16.8	14.3	15.1			

PTO



COMMODITY WISE AVERAGE PLANT DETENTION AT STEEL PLANTS DURING 2022 - 2023

UNIT : IN HOURS

PLANT	COMMODITY	WAGON TYPE	FREETIME (HRS.) BEFORE 01.09.2022	APR'22	MAY'22	JUN'22	JUL'22	AUG'22	FREETIME w.e.f. 01.09.22	SEP'22	OCT'22	NOV'22	DEC'22	JAN'23	FEB'23	MAR'23			
																15T-14TH	15T-31ST		
BOKARO STEEL PLANT	Ind.Coking Coal	BOXN/BOST	L - E	14.0	14.4	14.3	13.1	13.9	14.7	12.0	15.2	18.0	17.2	12.1	12.9	9.9	11.0	11.7	
	Imp.Coking Coal	BOXN		14.0	11.8	11.7	12.3	13.1	16.6	12.0	15.2	14.0	10.9	9.7	9.3	10.4	10.5	12.1	
	Boiler Coal	BOXN		14.0	20.7	20.6	25.6	24.8	21.0	12.0	25.5	30.3	25.5	20.6	21.3	20.5	15.7	16.3	
	Iron Ore	BOXN/BOY		14.0	11.1	11.1	14.7	15.2	18.4	12.0	16.3	17.8	12.8	11.8	11.8	10.4	11.2	10.6	
	Flux	BOXN		14.0	14.3	12.4	12.4	12.5	13.3	12.0	16.2	16.0	12.0	11.3	11.9	12.2	13.3	12.5	
	Hard Coke	BOXN		18.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total Inward				13.0	12.7	14.8	15.1	17.1		16.7	17.7	14.0	12.4	12.4	11.8	11.8	11.8	
	Outward Despatch		BOXN	E - L	34.0	26.6	23.4	24.1	28.5	27.8	24.0	24.3	26.6	24.8	25.2	23.3	23.0	25.9	25.5
			BOST		34.0	29.3	28.2	30.0	32.7	33.2	24.0	30.1	30.7	26.2	25.3	26.4	26.6	27.0	27.7
			BRN		36.0	29.4	30.5	29.5	33.0	31.7	24.0	29.7	31.0	26.1	23.9	26.2	23.5	31.6	30.2
			BFNS		36.0	31.2	28.0	29.4	32.9	32.5	24.0	31.1	32.3	28.7	24.7	26.1	26.2	31.2	28.5
	Total Outward				28.6	27.5	29.0	31.3	30.9		28.5	29.4	25.7	25.1	24.9	24.3	27.2	27.0	
	Over all		BOST			25.7	25.7	28.3	31.1	33.0		29.2	29.8	25.6	24.6	25.6	24.0	24.9	25.5
			BRN		28.8	30.4	27.8	32.7	31.7		29.1	30.5	26.3	23.7	26.0	23.5	27.9	27.6	
			BFNS		30.4	27.6	28.7	32.9	32.4		30.2	31.9	28.7	24.7	24.9	26.2	30.7	28.4	
			BOXN		15.6	15.1	15.1	16.9	18.0		17.8	19.1	16.4	14.9	14.8	14.5	15.1	15.2	
	OVERALL WAGON				16.3	15.9	17.6	18.9	20.6		19.4	20.3	16.7	15.2	15.2	14.5	15.2	15.2	
	IISCO STEEL PLANT	Ind. Coking Coal	BOXN (BCME)	L - E	18.0	13.0	14.5	16.5	16.0	21.0	12.0	14.3	13.0	13.6	12.0	14.0	10.0	24.0	18.0
		Imp. Coking Coal	BOXN (BCME)		18.0	16.9	15.9	16.4	15.3	20.2	12.0	15.5	15.0	13.2	12.2	14.1	12.1	14.4	13.1
		Boiler coal	BOXN (BCME)		18.0	47.0	0.0	20.0	0.0	48.0	12.0	0.0	0.0	30.0	0.0	31.0	0.0	0.0	0.0
Ind. Coking Coal		BOXN (IISD) *	5.0		5.0	5.0	5.0	5.0	5.2	12.0	5.0	5.0	4.3	5.0	0.0	5.0	5.0	5.3	
Imp. Coking Coal		BOXN (IISD) *	5.0		4.8	4.8	5.0	5.4	5.6	12.0	5.3	5.3	5.0	2.1	4.6	5.0	5.0	5.0	
Iron Ore		BOXN (IISD) *	L - E		5.0	5.3	5.8	5.6	5.9	6.2	12.0	5.6	5.6	5.6	5.2	5.4	4.9	4.4	4.5
		BOBS/N (IISD) *		2.0	2.4	2.3	2.5	4.0	4.3	5.3	3.3	3.2	2.1	2.3	2.1	2.1	2.1	2.1	
Flux		BOXN (IISD) *		5.0	5.1	5.2	5.3	5.1	5.4	12.0	5.1	5.2	5.0	5.1	5.0	5.2	5.2	5.3	
Coke Products		BOXN (BCME)		18.0	25.8	24.8	0.0	23.1	21.5	12.0	21.2	27.3	6.5	19.3	17.3	21.1	23.3	22.1	
Total Inward				5.8	5.5	5.2	6.5	7.4		6.2	5.6	5.3	5.1	5.0	5.2	5.6	5.2		
Outward Despatch			BOST	E - L	36.0	24.1	24.6	24.5	28.2	25.4	22.0	20.6	22.1	22.3	26.1	23.4	25.1	23.0	23.4
			BOXN		36.0	21.2	20.5	18.9	18.3	20.2	22.0	17.6	17.3	17.1	17.4	16.2	15.4	17.0	18.2
			BRN		36.0	22.4	31.5	23.0	32.1	28.2	22.0	19.4	22.5	27.5	25.6	23.5	23.5	32.2	30.4
			BFNS		36.0	0.0	0.0	0.0	29.2	26.3	22.0	0.0	31.0	39.0	31.1	0.0	0.0	0.0	35.0
Total Outward				22.8	22.9	21.5	24.5	24.1		19.4	20.2	20.4	22.6	20.6	22.1	21.1	22.0		
Over all			BOST			24.1	23.9	23.3	28.2	25.4		20.6	22.1	22.3	26.1	23.4	24.6	22.3	23.2
			BRN		22.4	31.5	23.0	32.1	28.2		19.4	22.5	27.5	25.6	23.5	23.5	32.2	30.4	
			BFNS		0.0	0.0	0.0	29.2	26.3		0.0	31.0	39.0	31.1	0.0	0.0	0.0	35.0	
			BOXN		10.9	10.7	11.0	18.1	20.6		17.2	17.1	15.4	16.3	16.0	14.3	17.5	17.2	
			BOXN (NEW PLANT) *		0.0	0.0	0.0	6.2	5.6		5.4	5.3	5.3	5.1	5.1	4.0	3.6	3.5	
	BOBS/N (NEW PLANT) *		2.4		2.3	2.5	4.0	4.3		3.3	3.2	2.1	2.3	2.1	2.1	2.1	2.1		
OVERALL WAGON				10.9	10.8	9.7	12.0	12.4		10.2	9.5	9.4	10.4	9.4	10.3	9.4	9.5		

NOTE : UNDER ENGINE ON LOAD (EOL) FREE TIME FOR BOXN = 5.0 HRS, & BOBS = 2.0 HRS.

RAILMOVEMENT CELL, L&I DEPARTMENT, KOLKATA



IMPROVEMENT IN AVERAGE DETENTION PER WAGON IN HRS.

UPTO 31.03.2023

PERIOD		BSP	DSP	RSP	BSL	IISCO	SAIL
1	MAR'23	8.32	18.00	15.10	15.15	9.46	12.44
	MAR'22	12.45	19.00	19.04	16.53	10.26	15.34
	CHANGES CPLY	33.2%	5.3%	20.7%	8.3%	7.8%	18.9%
2	APRIL'22 - MAR'23	10.99	20.68	18.56	17.18	10.28	15.13
	APRIL'21 - MAR'22	12.57	24.34	22.87	21.61	11.55	18.14
	CHANGES CPLY	12.6%	15.0%	18.9%	20.5%	11.0%	16.6%
3	APRIL'21 - MAR'22	12.57	24.34	22.87	21.61	11.55	18.14
	APRIL'20 - MAR'21	12.32	22.14	18.48	20.12	11.37	16.57
	CHANGES CPLY	-2.1%	-9.9%	-23.8%	-7.4%	-1.6%	-9.5%

RAILMOVEMENT CELL, KOLKATA



AVERAGE DETENTION PER WAGONS IN HOURS.

UPTO 31.03.2023

PLANT	YEAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR-MAR
BSP	2022-23	12.3	12.6	13.4	13.5	14.1	11.0	12.2	10.1	9.1	9.1	8.4	8.3	11.0
	2021-22	13.5	12.6	13.2	13.0	12.5	13.4	12.5	13.3	12.1	11.4	11.3	12.5	12.6
	2020-21	13.4	13.5	14.6	12.3	12.2	12.2	12.1	11.6	11.6	11.6	12.3	12.3	12.3
DSP	2022-23	20.0	19.0	22.0	21.0	26.0	22.0	24.0	22.0	20.0	18.0	16.0	18.0	20.7
	2021-22	21.0	23.0	27.0	27.0	30.0	29.0	29.0	25.0	23.0	21.0	19.0	19.0	24.3
	2020-21	21.0	24.0	21.0	20.0	24.0	26.0	24.0	21.0	21.0	23.0	23.0	17.0	22.1
RSP	2022-23	20.6	19.3	20.9	24.6	23.7	17.7	18.0	15.4	15.4	16.8	15.9	15.1	18.6
	2021-22	21.8	21.1	25.5	25.3	33.1	36.2	26.0	18.3	17.3	16.7	16.0	19.0	22.9
	2020-21	11.5	13.8	14.9	15.8	19.3	18.4	18.4	18.5	20.2	21.2	21.7	20.8	18.5
BSL	2022-23	16.3	15.9	17.6	18.9	20.6	19.4	20.3	16.7	15.2	15.2	15.4	15.2	17.2
	2021-22	20.7	23.6	23.6	23.1	26.3	25.3	23.9	21.0	20.0	18.5	17.3	16.5	21.6
	2020-21	13.5	15.7	18.5	19.6	21.7	21.4	21.4	20.7	20.7	21.7	20.0	21.2	20.1
ISP	2022-23	10.9	10.8	9.7	12.0	12.4	10.2	9.5	9.4	10.4	9.4	9.4	9.5	10.3
	2021-22	12.4	12.3	12.2	12.1	11.6	11.8	11.8	12.2	11.3	10.7	10.7	10.3	11.6
	2020-21	11.3	13.3	13.4	11.7	11.3	10.4	13.0	11.7	10.8	10.0	11.0	10.3	11.4
SAIL	2022-23	15.9	15.4	16.9	18.1	19.0	15.6	16.3	14.0	13.3	13.2	12.6	12.4	15.1
	2021-22	17.9	18.5	19.8	19.4	21.9	22.8	19.9	17.3	16.1	15.2	14.3	15.3	18.1
	2020-21	13.7	15.4	16.1	15.4	17.3	17.6	17.5	16.5	16.7	17.2	17.3	16.3	16.6

RAILMOVEMENT CELL, KOLKATA