

Date	Raw Material Type	Material Weight (kg)	Energy Consumption (kWh)	Water Usage (gallons)	Chemical Usage (liters)	Exhaust Temperature (°C)	Reduction Time (hours)	Yield (%)	Scrap Metal (tons)	Control Passes	Emissions - Raw (kg)	Emissions - Finished (kg)	Labor Hours	Machine Downtime (hours)	Waste Material Used (kg)
2024-06-29	Steel Alloy A	78.3	15620	8750	342	1485	168	92.7	5.7	98.2	1230	980	840	6.5	1250
2024-07-06	Iron Ore B	82.1	16100	9100	356	1510	172	91.5	7	97.8	1280	1010	860	4.2	1310
2024-07-13	Recycled Steel	75.6	14980	8200	328	1460	165	93.2	5.1	98.5	1150	920	825	8	1180
2024-07-20	Steel Alloy B	80.4	15890	8950	350	1495	170	92.1	6.3	98	1260	995	850	5.5	1290
2024-07-27	Iron Ore A	79.8	15780	8900	348	1500	169	92.4	6.1	98.1	1245	985	845	7.2	1270
2024-08-03	Steel Alloy C	81.5	16050	9050	354	1505	171	91.8	6.7	97.9	1275	1005	855	3.8	1300
2024-08-10	Recycled Steel	76.9	15120	8300	332	1470	166	93	5.4	98.4	1180	940	830	9.5	1200
2024-08-17	Steel Alloy A	77.8	15450	8650	338	1480	167	92.8	5.6	98.3	1210	965	835	5	1230
2024-08-24	Iron Ore B	83.2	16280	9200	360	1515	174	91.2	7.3	97.7	1295	1025	870	6.8	1330
2024-08-31	Steel Alloy B	80.9	15950	9000	352	1500	170	92.2	6.3	98	1265	1000	850	4.5	1295