

# Data Collected / ANALYSIS

## Readings collected for Brass

	Mass of Calorimeter without water (kg)	Calorimeter mass with water (kg)	Mass of Brass Piece (kg)	Initial steady temp (°C)	Burning temp (°C)	Final steady temp (°C)	Mass of water (kg)
1	0.121	0.212	0.121	20.5	96.3	28.0	0.091
2	0.124	0.224	0.121	23.2	94.0	29.7	0.106
3	0.125	0.203	0.121	26.0	95.0	33.5	0.078

## Readings Collected for Steel

	Mass of Calorimeter without water (kg)	Calorimeter mass with water (kg)	Mass of Brass Piece (kg)	Initial steady temp (°C)	Burning temperature (°C)	Final steady temp (°C)	Mass of water (kg)
1	0.125	0.214	0.113	26.0	94.0	33.2	0.089
2	0.126	0.225	0.113	26.0	96.2	35	0.099
3	0.126	0.213	0.113	25.5	96	33	0.087