

Conclusion

After the experiment the specific heat capacities of Brass and steel were found. The average values for brass was $0.341 \text{ kJ/kg}\cdot\text{K}$ with experimental relative error of 11.4% . For steel it was found as $0.437 \text{ kJ/kg}\cdot\text{K}$ with R.E of 14.5% . The equivalence of both the brass and steel apparatus was also determined hence the experiment was successful.

REFERENCES

1. R. JOEL "Engineering Thermodynamics" 4th Edition
Chapter 1
2. Laboratory Instruction Sheet N^o 3 Calorimetry