

## **536.23 ASTM 1957 C.2**

### **CONTENTS**

	PAGE
Introduction – Henry E. Robinson	1
An Improved Guarded Hot Plate Thermal Conductivity Apparatus with Automatic Controls – Zeno Zabawsky	3
Discussion	17
The Use of Envelope Type Cold Plates in Thermal Conductivity Apparatus -C. F. Gilbo	18
Discussion	31
Unbalance Errors in Guarded Hot Plate Measurements – W. Woodside and A. G. Wilson	32
Discussion	47
Analysis of Errors Due to Edge Heat Loss in Guarded Hot Plates – William Wood- side	49
Discussion	63
Thermal Conductivity of Insulation Containing Moisture – F. A. Joy	65
Discussion	79
Criteria for Use on Thermal Insulation Underground Piping – D. D'Eustachio	81