## 666.1 SHA 3rd ed.

## CONTENTS

Contributors	vii
Foreword	
Preface	xi
SECTION 1 GLASS TECHNOLOGY	1-1
1 Composition and Constitution	1-1
2. Properties of Glass	2-1
3. Chemical Durability	3-1
4. Stress Release and Annealing	4-1
5. Glass Metal Seals	5-1
6. Strength and Strength Testing	6-1
SECTION 2 GLASS MANUFACTURE	7-1
7. Raw Materials and Melting	7-3
8. Primary Forming Operations	8-1
9. Secondary, or Finishing, Operations	9-1
10. Manufacturing Tolerances and Design	10-1
SECTION 3 APPLICATIONS	11-1
11. Glass Containers	11.3
12. Flat Glass and Glazing	12-1
13. Laboratory Glassware and Thermometers	13-1
14. Applications in the Chemical Industry	14-1
15. Sight and Gage Glass	15-1
16. Electric Lamps	16-1
17. Illumination	17-1
18. Electronic Components	18-1
19. Special Glasses and Their Applications	19-1
SECTION 4 FIBERGLASS	20-1
20. Composition and Properties of Fibers	20-3
21. Manufacturing Processes and Products	21-1
22. Fiberglass Wool Applications	22-1
23. Continuous- Filament glass Fiber Applications	23-1

## APPENDICS

A.	Specifications and Standards for Glass	A-1
B.	Glossary	B-1
C.	The SI System of Units	C-1
Index		I-1