

INDEX.

A

B

Bags for primers, dimensions of	page 72
Balistic galvanometer	181
Barrels for ammunition, dimensions of	page 66
Battery power, calculation of	120, 121
Batteries, voltaic, firing with	106
" " precautions when using	63
" " testing	119
Blasting rock	page 63
Bickford's fuse	71
" " connecting to instantaneous leader	74, 75
" " preparation of exposed and	71
" " rate of burning	71, page 79
" " testing	114
" instantaneous fuse	75
" " " making a joint in	75
" " " testing	114
Binding screws	154
Bridges, demolishing iron and wooden bridges with guncotton or dynamite ..	56
Britannia joint	100

c

Cables, electrical, Service	.....	.....	.....	93, page 79
Capacity, definition of	.....	.....	.....	136
" measurement of	.....	.....	.....	243
" unit of	.....	.....	.....	143
Cells, voltaic	.....	.....	.....	81-84, 86, 158-163
Circuit, "	.....	.....	.....	92
" different arrangements of	.....	.....	.....	97, 98
" testing	.....	.....	.....	125, 126
" wires	.....	.....	.....	93, 94, 99-101
" laying	.....	.....	.....	103
" placing in galleries	.....	.....	.....	52, 103
" precautions	.....	.....	.....	page 63
Charges, precautions when making up	.....	.....	.....	page 61
" preparation of	.....	.....	.....	page 22
" weight of, for various purposes	.....	.....	.....	page 72
Columns, cutting down with guncotton or dynamite	.....	.....	.....	57
Combined continuous and divided circuit	.....	.....	.....	97
Comparison of Grove's and Leclanche's firing cells	.....	.....	.....	85
" gunpowder, guncotton and dynamite	.....	.....	.....	22
" wire and high tension fuzes	.....	.....	.....	44