

Trials against Armour Plates and Tubes.—continued.

O.B. Minute.	Nature of plate.	Nature of projectile.	Angle of attack from normal.	Striking velocity f.s.	Result.				
					Projectile.		Plate.		
10,406	Beardmore's 6-inch to 4-inch No. 10 X.V.	7.5-inch C.P.C., Mark III. A. Firth, F.S. At 6-inch portion	10°	1,466	Broke up in front	..	..	..	Penetration, 3.2 inches.
			2°	1,510	Perforated and broke up	..	..	..	Front hole, 7.7 by 7.4 inches. Back damage, 12 by 11½ inches.
			10°	1,534	Do.	..	..	..	Front hole, 7.5 by 7.3 inches. Back damage, 11¼ by 13¼ inches.
			5 in. at 8°	1,462	Punched out disc, shell fixed in plate	..	..	..	Damage, face 13 by 11 inches; back, 11 by 12 inches.
11,044	Beardmore's 6-inch to 4-inch No. 5,474.	Do. do.	"	1,474	Penetrated 3.1 inches	..	..	..	Front damage, 11 by 12 inches.
			5 in. at 1½°	1,600	Disc punched out, broke up	..	..	..	Front hole, 7.5 inches. Back damage, 13¼ by 12 inches.

5-inch Plates.

10,406	Vickers-Cammell's 4.93-inch No. 236/6,203 A.	6-inch Holtzer A.P. shot..	..	Normal	1,676	Punched out plug and broke up	..	..	Front hole, 4.3 inches.	
				"	1,670	Broke up on face	..	..	..	Penetration, 1.7 inches.
				"	1,631	Punched out plug and broke up	..	..	..	Front hole, 5¾ inches.
				"	1,560	Broke up on face	..	..	..	Penetration, .9 inch.
				"	1,735	Do.	..	..	..	Dish, ¼ inch.
				"	1,782	Broke up in front.	..	..	..

4½-inch Plates.

11,623	Cammell's, 4½-inch No. 7,217	6-inch A.P., Mark I., Holtzer	}	Normal	1,177	Perforated whole	..	..	..	Hole: front, 6 inches; back, 1 inch.
				"	1,070	Do.	..	..	..	Hole: front, 6 inches; back, 4 inches.

4-inch Plates.

10,190	Brown's 4-inch No. 4/8,631.	6-inch C.P.C., Mark VII.A Hadfield, F.S.	}	Normal.	1,254	Point perforated. Body complete, fell in front.	..	..	..	Hole: front, 4.9 by 4.4 inches; back, 6 by 5 inches.
				"	1,160	Point perforated. Body and small pieces fell in front.	..	..	..	Hole: front, 6 by 5.6 inches. Back, 7 inches.
				"	1,060	Broke up on face	..	..	..	Front damage, 3½ by 2½ inches.
				1°	1,113	Do. do.	..	..	..	Front damage, 4 by 3 inches.