

EX05 TEST CERTIFICATE (VGS)

W. Order 540859
Date 9/11/94
Engineer S. D. M.
Gun Serial No. 446
Chamber Base Pressure 1×10^{-9} mbar
Chamber Pressure(Argon) 1×10^{-7} mbar
Diff. Line Pressure 5×10^{-6} mbar

Beam Energy 5kV

< 1 HT tick in 1 hour with filaments off..... ✓

Beam Energy 4kV

< 1 HT tick in 2 hours during normal operations..... ✓

Max target current Fil 1 ... 1.1: 5 μ A .. Fil 2 ... 1.1: 5 μ A
(120V Electron Energy, 15mA Emmission Current)

Spot size at 1uA 170 μ m

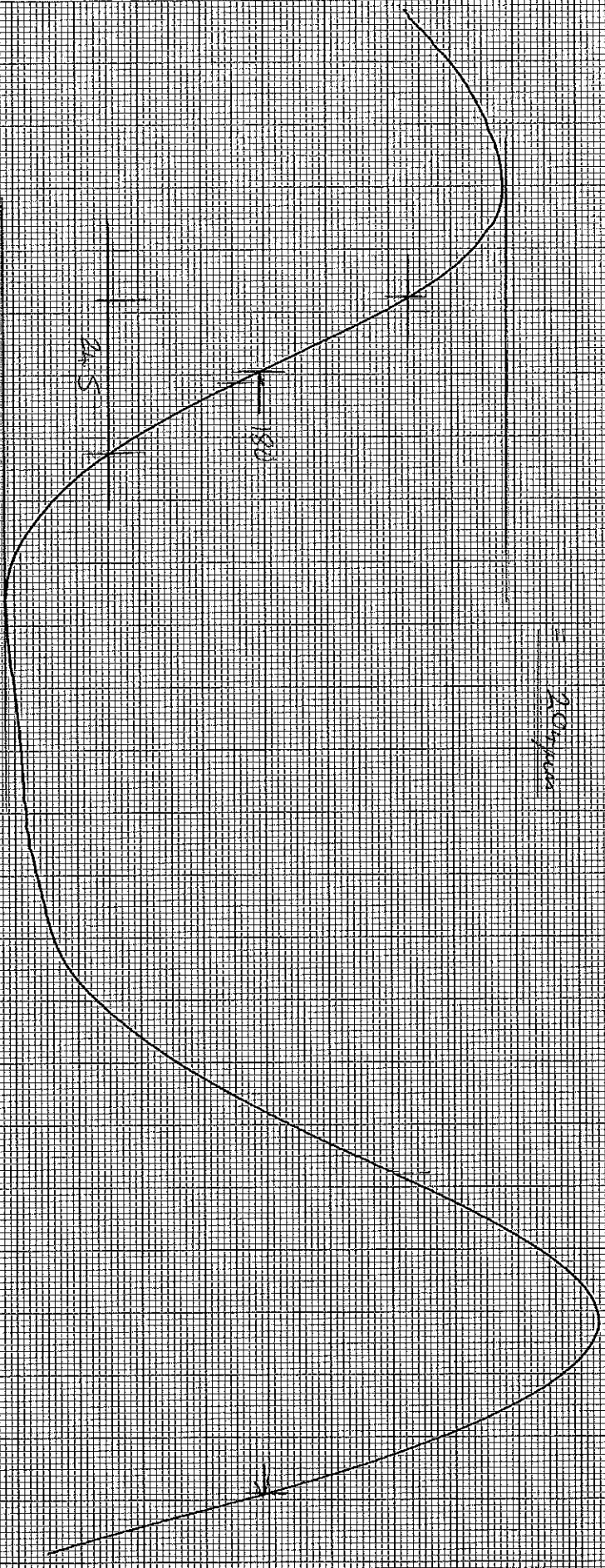
Spot size at 5uA 204 μ m

Target Curves - 5000A

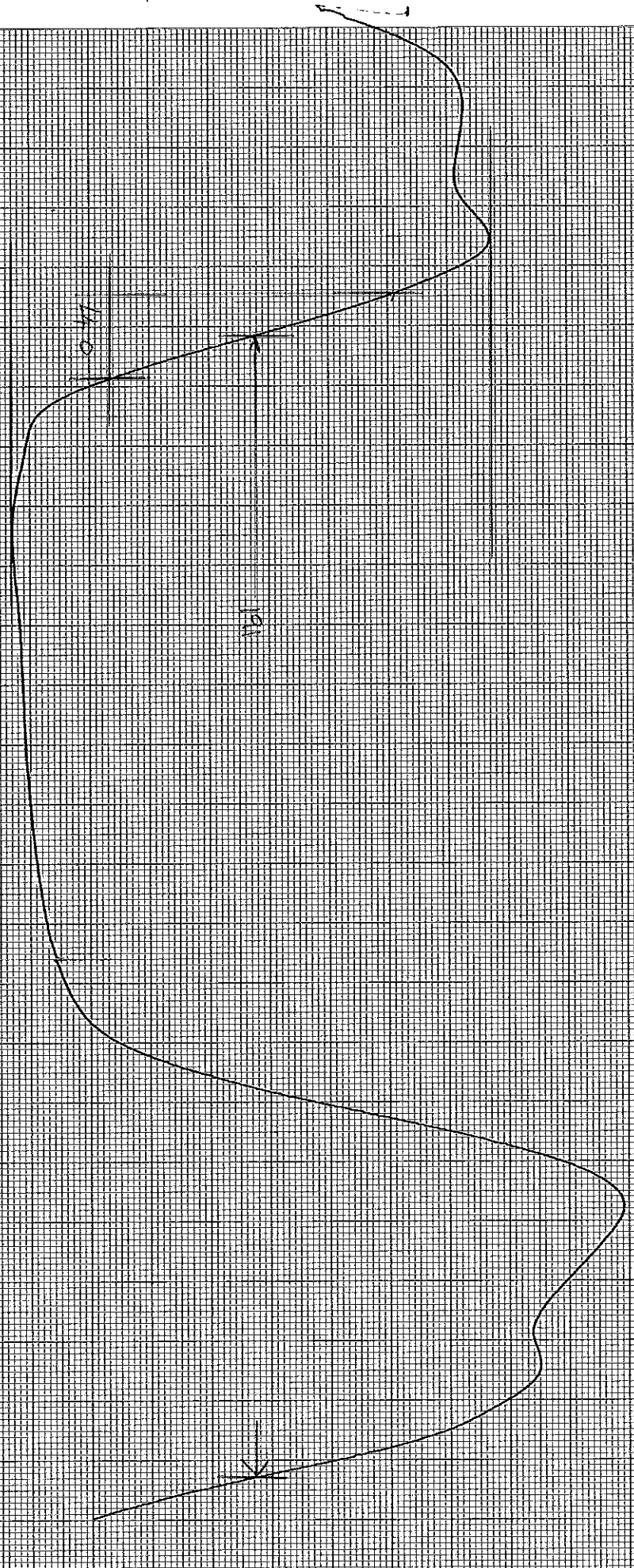
RES = 1500 x 24.5

150

20000



EXOS-1414



Height cement = 10.45
Less = 5500 x 14.0
0.11

$$= 110 \text{ pps}$$

