Andri Kjent Varnefragi - Dapmeblad 4 705) P = 8MP<, T=3000, P2 = 25kP<, X=6,65 W = 1/ MW Enthalpy of steam when going in h, = h @ 8MR, 3626 = 2786, 5 25 New we find by with h fo 25 kg = 271, 96 kg and no have hz = h + x h/5 = 27, 96 F + C, 85 - 23 45,5 kg = 2265,64 6 And WE get m (h+c) = m (hz+c) + Wont Went // MW / Leasen - hy-hz (2786, 5-2265,641 )/hy 21, 12 6/5

P, = 7 MPa, P, = 0,6 MPa At input we have: h = h 50 7MP = 2772,6 kJ Threathing valles, we have energy balance so h, = hz It EL+PUT WE have: h2 = 2772, 6 kg 490 G CMP = 2756,2 KJ Since he have superheaded steam From table 46 We get. L=2756,2 L5 > T=158,83°C 05 h = 2850, 6 kg 3 T = 2cc ( New using interpolation: Tz = 158,83 + 2850,6-2756,2 · (2772, 6 - 2756,2) 1666

