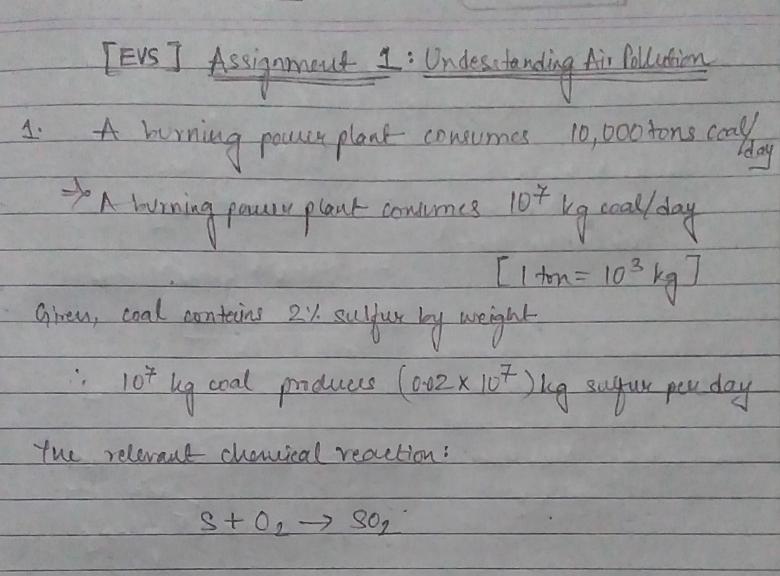
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Assuring 100% of sulphur is converted to soe,

: Amount of son produced per day = (649) x(0.02 x 107) kg

= 0.04 × 107 + kg/day = 4 × 105 kg/day

= 4×108 glday

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PAGE NO DATE: / /

liven, suffer oxides produced per day are confined in the air sertounding

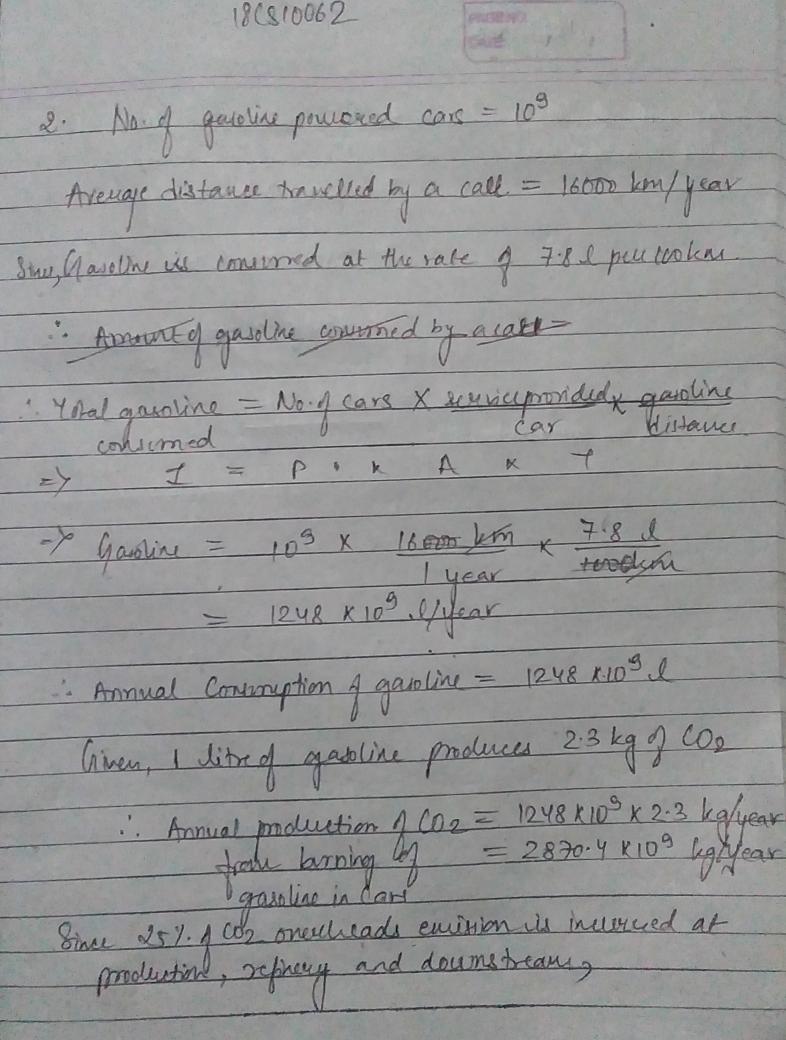
the power plant = 4 4×108 9/day = 4x10-3 g/m3 = 4000 mg/m3 Hall corditions auxome, to lup concentration of 802

Amount of sulfur dioxide released = 365 K10" ung x me

per day

= 265 K105 g/day Let suffer content in coal be x1. then 365 × 105 g/day = (64 g) x x x 107 kg \$ 365 = (2x)(1000) $2 \times 1000 = 1825 \times 10^{-3}$ $2 \times 1000 = 0.1825 \%.$:- Suffer content in coal should be 0.1825%.

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PAGE NO.

Amount of los produced = (2870.4 K109 kg) K125

due to automobiles

= 3588 K10 by lyear

= 3.588 gigaton lyear

= 3.588 gigaton lyear

Annual CO2 emission = 3.588 Gt