

moderately black exhaust contains 18 mg. per cubic foot. Black smoke is caused by incomplete combustion in the engine cylinders. Factors which affect smoke are volatility, measure of ignition quality, and specific gravity. Fuel quality, additives, and other causes are discussed.

-- APCA Absts.

MANAGEMENT ASPECTS

- 490 Disability Absences of Workers After Heart Attacks. R. D. Ketchum.
Ind. Med. & Surg. 32, 131-134 (Apr. 1963).

The disability absence records of 20 office workers (18 males and 2 females) who resumed work for a total of 65.4 man years following myocardial infarction were reviewed. These subjects had 4.6 calendar days absence yearly compared with 8.02 days yearly for the entire office force, and 4.8 days per 100 working days for all male workers. The coronary group had an average of 0.81 disability absences yearly compared to 2.39 per year for all employees. Each absence averaged 5.59 days for the cardiac group and 3.35 days for all. Most absences were due to respiratory and gastrointestinal disease, with few because of cardiac complications. A review of the literature shows the findings of others indicate favorable disability records among post-coronary workers. Experience with disability absenteeism among office workers with healed myocardial infarctions did not differ significantly from that of all employees.

-- Author's summary

ACCIDENTS AND PREVENTION

- 491 Some Aspects of Human Behavior in Relation to Accident Morbidity and Mortality. C. M. Mooney.
Occ. Health Rev. (Ottawa) 15, 4-7 (1963).

From his study, the author concludes that there is little likelihood of achieving a substantial reduction of accidents by programs of an informational or admonitory nature aimed at the general public. Accident control is a responsibility of political, industrial, and social management, mainly achieved in 2 ways: (1) by drawing up and enforcing adequate and up-to-date safe-practice codes; (2) by applying scientific methods of systems analysis to current and projected operations in order to minimize human costs. Applied research facilities in fields like operational research, human engineering, industrial psychology, should be more or less freely available to the industrial and business community. Basic research is wanted to uncover those salient psychophysiological variables that make people more or less vulnerable to accidents.

-- Author's summary

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