# Information section

Grateful acknowledgement is made to the U.K. MEDLARS Centre and to the National Library of Medicine for their help with this project.

The references cited below have not been checked by the publisher.

- 1. Historical, legislative, and general
- 2. Organization of medical and nursing services and education
- 3. Physiological, psychological, and organizational aspects of work and rehabilitation
- Weekday distribution of work ability evaluation in relation to the weekday of the beginning work disability. (German) Kittlaus, H. Z. ges. Hyg., 19, 610-3, Aug. 73. [Disability Evaluation, Human, Probability, Time Factors, Work]
- Changes in reported illness and illness behavior related to termination of employment: a preliminary report. (English) Kasl, S. V., Cobb, S., Gore, S. *Int. J. Epidemiol.*, 1, 111-8, Summer 72.

[Attitude to Health, Employment, Human, Retrospective Studies, Rural Population, Seasons, Sick Role, Stress, Psychological Occurrence, Time Factors, Unemployment, United States, Urban Population]

Effects of continuous work and sleep loss in the reduction and recovery of work efficiency. (English)

Morgan, B. B. Jr., Amer. industr. Hyg. Ass. J., 35, 13-20, Jan. 74.

[Achievement, Circadian Rhythm, Efficiency, Human, Methods, Rest, Sleep Deprivation, Task Performance and Analysis, Time Factors, Work]

Physiological and hygienic characteristics of the work of woodworking lathe operators of different ages. (Russian) Kuznetsova, N. N. Gig. i. Sanit., 38, 35-9, Nov. 73. [Age Factors, Exertion, Human, Muscle Tonus, Ukraine, Wood, Work, English Abstract]

Kinetics of uropepsin excretion in women working various shifts. (Russian)

Smits. (Russian) Umanskii, S. S. H., Krist'iukhan, I. U. I. A. Gig. i. Sanit., 38, 96-7, Sep. 73.

[Circadian Rhythm, Human, Uropepsin Urine]

Working conditions with different types of disability. (English) McEwen, J. C. Ergonomics, 16, 669-77, Sep. 73. [Arousal, Handicapped, Mental Disorders Physiopathology Rehabilitation, Sheltered Workshops]

- A study of occupational stress and health. (English) Ferguson, D. *Ergonomics*, 16, 649-64, Sep. 73. [Communication, Human, Stress Psychological]
- Rational correction of the disorders of the water-salt balance in workers of hot shops of a metallurgic plant. (Russian) Dorofeeva, V. I. Vrach. Delo., 10, 141-4, Oct. 73. [Acid-base Equilibrium, Beverages, Bicarbonates, Body Water Analysis, Chlorine, Extracellular Space Analysis, Heat, Human, Metallurgy, Potassium, Sodium, Water-electrolyte Balance, English Abstract]

Morbidity among the workers of a chemical enterprise taking into account certain social and industrial-occupational factors. (Russian)

Kogan, L. A. Sovetsk. Zdravookhr, 32, 42-7, 1973.

[Age Factors, Chemical Industry, Disability Evaluation, Sex Factors, Socioeconomic Factors, Ukraine, English Abstract]

Rehabilitation and occupational medicine. (English)
Moss, C. N. J. occup. Med., 16, 81-5, Feb. 74.
[China, Economics, Employment, Europe, Exercise
Therapy, Historical Article, History of Medicine, Physical
Education and Therapy, Prosthesis, Public Assistance,
Rehabilitation Vocation, Sheltered Workshops]

Use of multiple correlation analysis for developing physiological criteria for occupational selection. (Russian)
Navakatikian, A. O., Velikii, A. P. Gig. i. Sanit, 38, 47-51, Dec. 73.

[English Abstract, Methods, Occupations, Statistics]

A demonstration project in occupational mental health services: the job improvement service. (English)
Leeman, C. P. Psychiat. Quart., 47, 419-41, 1973.
[Appointments and Schedules, Counselling, Financing Organized, Income, Interview Psychological, Labour Unions, Mental Health Services, Psychology Industrial,

Referral and Consultation, Social Adjustment, Social Class

The light at welders' work-places. (English)

Zaborski, L. Bull. Inst. mar. trop. Med. Gdańsk., 24, 217-23, 1973.

[Human, Luminescence, Protective Devices, Welding

Instruments

The energy requirements of work. (English)

Shephard, R. J. J. occup. Med., 16, 14-8, Jan. 74.

[Automation, Calorimetry, Climate, Energy Metabolism, Handicapped, Human, Nutrition, Obesity, Oxygen Consumption, Recreation, Work]

## 4. Traumatic conditions, accidents, and accident prevention

Large intestine injury due to compressed air. (Russian)

Strokov, V. N., Andrianov, V. N. Vestn. Khir., 110, 97, May. 73.

[Accidents Industrial, Case Report, Emergencies, Human, Intestine Large Injuries

Investigation of the relation between low back pain and occupation. IV. Physical requirements: bending, rotation, reaching and sudden maximal effort. (English)

Magora, A. Scand. J. rehabil. Med., 5, 186-90, 1973.

[Backache, Biomechanics, Comparative Study, Physical Fitness]

Investigation of the relation between low back pain and occupation. V. Psychological aspects. (English)

Magora, A. Scand. J. rehabil. Med., 5, 191-6, 1973.

[Attitude, Backache, Fatigue, Psychophysiologic Disorders, Questionnaires, Socioeconomic Factors, Stress Psychological]

The measurement of physiological predisposition to tenosynovitis. (English)

Welch, R. Ergonomics, 16, 665-8, Sep. 73.

[Human, Skin Temperature, Tenosynovitis Diagnosis, Vibration1

Use of the relative intensity index for determining the degree of risk of receiving injury. (Russian)

Navakatikian, A. O., Iakovlev, E. N. Sovetsk. Zdravookh., **32,** 36-9, 1973.

[Accidents Industrial, Agricultural Workers' Diseases Occurrence, Disability Evaluation, Time Factors, Wounds and Injuries Occurrence, English Abstract]

Bull man's hand—an unusual occupational lesion. (English) O'Sullivan, D. J., Brady, M. J. J. Irish med. Ass., 67, 102-3, 23 Feb. 74.

[Agriculture, Animal Experiments, Cattle, Fingers Blood Supply, Human, Insemination Artificial, Ischaemia Aetio-

Results of medical first aid at the accident site. (German) Lent, V. Bruns' Beitr. klin. Chir., 219, 757-63, 1972 [Accidents Home, Accidents Industrial, Accidents Traffic,

Comparative Study, Evaluation Studies, First Aid, Respiratory Insufficiency Mortality, Sex Factors, Shock Traumatic Mortality Prevention and Control, Transport of Wounded Analysis]

The treatment of tenosynovitis in industry. (English)

Lanfear, R. T., Clarke, W. B. Physiotherapy, 58, 128-9, Apr. 72.

[Age Factors, Physical Therapy, Tenosynovitis Therapy, Ultrasonic Therapy]

# 5. Effects of inorganic substances and minerals

Chronic obstructive pulmonary disease in female asbestos workers. (English)

Kalacic, I. Arh. Hig. Rada., 24, 3-9, Jan. 73.

[Asbestosis, Chronic Disease, Human, Lung Diseases Obstruction, Respiratory Function Tests, Sex Factors, Smoking Complications 1

Urinary excretion of 5-hydroxyindoleacetic acid in persons exposed to lead. (Yugoslav)

Dugandzic, M., Stankovic, B. Arh. Hig. Rada, 24, 37-44,

[Human, Hydroxyindoleacetic Acid Urine, Lead Poisoning, Tryptophan, English Abstract]

Dichromate and other metal salt combination allergies. (German)

Pahl, O., Purschel, W., Taufkirch, C. Hautarzt, 24, 479-82, Nov. 73.

[Chromates Adverse Effects, Cobalt Adverse Effects, Dermatitis Contact Actiology, Human, Metals Adverse Effects, Nickel Adverse Effects]

Experimental silicosis. The relation between dose of quartz, length of action for the dust, tissue reaction and disturbance of the lung function. (English)

Dale, K Scand. J. respir. Dis., 54, 306-13, 1973.

[Animal Experiments, Rabbits, Comparative Study, Dust, Organ Weight, Silica, Spirometry, Time Factors, Ventilation-perfusion Rate, Xenon]

Effect of mica dust on the lungs of rats. (English)

Kaw, J. L., Zaidi, S. H Exp. Pathol. (Jena), 8, 224-31, 1973. [Animal Experiments, Rats, Bronchopneumonia Pathology, Disease Models Animal, Dust, Histological Techniques, Microscopy Polarization, Time Factors]

Endangering of the skin in spun-glass production. (German) Buchholz, W., Ziegler, V., Heidemann, K. P. Z. ges. Hyg., 19, 705-7, Oct. 73.

[Glass Adverse Effects, Human, Occupational Dermatitis Aetiology]

Manganese as an allergen. (Russian)

Saakadze, V. P., Alekseeva, O. G. Gig. Tr. prof. Zabol., 17, 10-12, Jan. 73.

[Allergens, Human, Animal Experiments, Guinea Pigs, Asthma Chemically Induced, Georgian S.S.R., Manganese, Metallurgy]

Changes in diffusion capacity of the lungs during treatment of patients with dust-induced diseases of the broncho-pulmonary system. (Russian)

Gladkova, E. V. Sovetsk. Med., 36, 94-8, Jul. 73.

Physiopathology, Bronchodilator [Bronchitis] Therapeutic Use, Human, Pneumoconiosis, Pulmonary Diffusing Capacity]

Lead encephalopathy in the developing rat: effect upon myelination. (English)

Krigman, M. R., Druse, M. J., Traylor, T. D. J. Neuropathol. Exp. Neurol., 33, 58-73, Jan. 74.

[Animal Experiments, Rats, Brain Diseases Actiology Metabolism, Pathology, Cephalins, Cerebrosides, Cholesterol, Lecithins, Microscopy Electron, Myelin Sheath, Nerve Tissue Proteins, Phospholipids]

Hepatic erythropoietin production in the lead-poisoned rat. (English)

Schooley, J. C., Mahlmann, L. J. Blood, 43, 425-8, Mar. 74. [Anoxia, Erythropoiesis, Erythropoietin Biosynthesis, Hepatectomy, Iron Radioisotopes, Lead Poisoning Metabolism, Liver Metabolism, Nephrectomy, Polycythaemia Metabolism]

Electron microscopic and chemical studies of the vascular changes and edema of lead encephalopathy. A comparative study of the human and experimental disease. (English) Clasen, R. A., Hartmann, J. F., Starr, A. J. Amer. J. Path.,

74, 215-40, Feb. 74.

[Blood Proteins, Body Water, Brain Oedema Pathology, Cellular Inclusions, Cerebral Arteries, Comparative Study, Disease Models Animal, Microscopy Electron, Neuroglia, Serum Albumin Analysis]

Mortality from lung cancer in U.S. coal miners. (English) Costello, J., Ortmeyer, C. E., Morgan, W. K. Amer. J. publ. Hlth, 64, 222-4, Mar. 74.

[Age Factors, Bronchial Neoplasms Mortality, Coal Mining, Comparative Study, Smoking Complications Occurrence, United States]

Biological effects of asbestos. Report of the Advisory Committee on Asbestos Cancers to the Director of the International Agency for Research on Cancer. (English) Ann. occup. Hyg., 16, 9-17, Apr. 73.

[Asbestos, Human, International Cooperation, Lung Neoplasms Pathology, Mesothelioma Pathology, Re-

Review of the hygiene standard for chrysotile asbestos dust. British Occupational Hygiene Society Committee on hygiene standards. (English)

Ann. occup. Hyg., 16, 7, Apr. 73.

[Asbestos, Dust, Great Britain]

Hygiene standards for airborne amosite asbestos dust. British Occupational Hygiene Society Committee on hygiene standards. (English)

Ann. occup. Hyg., 16, 1-5, Apr. 73.

[Asbestosis Aetiology, Dust, Human, Lung Neoplasms

An assessment of the value of laboratory investigation in the detection and control of lead poisoning. (English)

Waldron, H. A. Arh. Hig. Rada., 20, 19-22, Suppl. 1969. [Haemoglobinometry, Human, Lead Blood, Lead Poisoning Diagnosis]

Cytologic changes of the respiratory epithelium in iron foundry workers. (English)

Plamenac, P., Nikulin, A., Pikula, B. Acta Cytol. (Baltimore), 18, 34-40, Jan.-Feb. 74.

[Dust, Eosinophilia, Epithelial Cells, Heat, Iron, Leukocytes, Lung, Metaplasia, Sputum Cytology, Temperature, Time Factors]

Epidemiological survey of workers exposed to cadmium. (English)

Lauwerys, R. R., Buchet, J. P., Roels, H. A. Arch. environm. Hlth., 28, 145-8, Mar. 74.

[Cadmium Metabolism, Catalase Blood, Cholinesterase Blood, Dust, Electrophoresis, Galactosidase Blood, Kidney, Lactate Dehydrogenase Blood, Lung, Maximum Permissible Exposure, Proteinuria, Respiratory Airflow, Smoking, Time Factors, Vital Capacity]

The relation between pneumoconiosis and dust-exposure in British coal mines. (English)

Jacobsen, M., Rae, S., Walton, W. H., Rogan, J. M. Inhaled Part. Vap., 2, 903-19, 1970.

[Age Factors, Airway Resistance, Coal Mining, Dust Analysis, Pneumoconiosis Occurrence, Silica Analysis,

Results of epidemiological studies of pneumoconiosis in West German coal mines. (English)

Reisner, M. I. Inhaled Part. Vap., 2, 921-31, 1970.

[Coal Mining, Pneumoconiosis Occurrence, Pulmonary Alveoli Physiopathology, Time Factors]

The attack rate of progressive massive fibrosis in British coalminers. (English)

McLintock, J. S., Rae, S., Jacobsen, M. Inhaled Part Vap.,

2, 933-52, 1970.

[Age Factors, Coal Mining, Dust, Pneumoconiosis Complications Occurrence, Pulmonary Fibrosis, Silica]

The relationship between the amount of dust breathed and the development of radiological signs of silicosis: an epidemiological study in South African gold miners. (English) Beadle, D. G. Inhaled Part. Vap., 2, 953-66, 1970.

[Age Factors, Dust, Epidemiologic Methods, Gold, Mining, Models Theoretical, Silicosis Occurrence, South Africa, Statistics, Time Factors]

Chronic bronchitis and dust exposure in British coalminers. (English)

Rae, S., Walker, D. D., Attfield, M. D. Inhaled Part. Vap., 2, 883-96, 1970.

[Age Factors, Bronchitis Occurrence, Chronic Disease, Coal Mining, Dust, Pneumoconiosis Occurrence, Questionnaires, Smoking]

The relation of radiological appearance in simple pneumoconiosis of coal workers to the content and composition of the lung. (English)

Casswell, C., Bergman, I., Rossiter, C. E. Inhaled Part. Vap., 2, 713-26, 1970.

[Coal Mining, Dust Analysis, Iron, Regression Analysis, X-ray Diffraction]

Mixed dust fibrosis in mineworkers. (English)

Goldstein, B., Webster, I. Inhaled Part. Vap., 2, 705-12,

[Antimony, Asbestos, Chromium, Copper, Dust, Gold, Iron, Manganese, Platinum, Silica, Tin]

Relation between type of simple pneumoconiosis (P or M) and lung function. (English)

Cotes, J. E., Deivanayagam, C. N., Field, G. B. Inhaled Part. Vap., 2, 633-43, 1970.

[Age Factors, Coal Mining, Heart Rate, Haemoglobin, Lung Compliance, Oxygen Consumption, Pulmonary Diffusing Capacity, Regional Blood Flow, Respiration, Smoking, Spirometry, Time Factors, Vital Capacity]

Pleural calcifications due to asbestos exposure compared with relevant findings in the non-exposed population. (English) Navratil, M. Inhaled Part. Vap., 2, 695-703, 1970.

[Acid Phosphatase Blood, Albumins, Alkaline Phosphatase Blood, Asbestos, Blood Protein Electrophoresis, Calcinosis, Globulins Analysis, Magnesium, Phosphorus]

Numerical scoring of radiological simple pneumoconiosis. (English)

Oldham, P. D. Inhaled Part. Vap., 2, 621-32, 1970. [Age Factors, Dust, Methods, Pneumoconiosis Classification, Regression]

Immunological factors in coalworkers' pneumoconiosis. (English)

Wagner, J. C. Inhaled Part. Vap., 2, 573-8, 1970. [Adjuvants Immunological, Coal, Dust, Pneumoconiosis

Immunology, Pneumoconiosis Pathology, Silica] Respirable coal mine dust standards and their enforcement

under the Federal Coal Mine Health and Safety Act of 1969. (English)

Schlick, D. P. Inhaled Part. Vap., 2, 1007-13, 1970.

[Coal Mining, Dust Analysis, Methods, Pneumoconiosis Prevention and Control, United States]

Immunoglobulin levels in berylliosis. (English)

Resnick, H., Morgan, W. K. Inhaled Part. Vap., 2, 589-97,

[Beryllium, Blood Proteins, Electrophoresis, Gamma Globulin, Gel Diffusion Tests, I.G.A., I.G.D., I.G.E., I.G.G., I.G.M., Immunoglobulins Analysis, Precipitins, Ultracentrifugation

Bioelectric activity of the brain in patients with chronic occupational mercury poisoning. (Russian)

Popov, L. I., Samokhvalova, G. Gig. Tr. prof. Zabol., 17,

52-3, Sep. 73. Brain Physiopathology, Chronic Disease, Human, Mer-

cury Poisoning] Aerosol deposition in the lungs of coalworkers. (English)

Love, R. G., Muir, D. C., Sweetland, K. F. Inhaled Part. Vap., 1, 131-9, 1970. [Aerosols, Coal mining, Exertion, Human, Lung Physio-

logy, Particle Size, Radiography, Respiration]

Epidemiology of malignant neoplasms in nickel smelters. (Russian)

Saknyn', A. V., Shabynina, N. K. Gig. Tr. prof. Zabol., 17, 25-9, Sep. 73.

[Human, Lung Neoplasms Occurrence, Nickel Adverse Effects, Stomach Neoplasms Occurrence, Time Factors, U.S.S.R.]

The induction of fibrogenesis by silica-treated alveolar macrophages. (English)

Burrell, R., Anderson, M. Environm. Res., 6, 389-94, Dec. 73. [Animal Experiments, Rabbits, Cells Cultured, Fibroblasts, Hydroxyproline Analysis, Macrophages, Methods, Pulmonary Alveoli, Pulmonary Alveoli Immunology, Silica Toxicity]

Development of pleural hyalinosis in long term studies of persons exposed to asbestos dust. (English)

Navratil, M., Dobias, J. Environm. Res., 6, 455-72, Dec. 73. [Asbestos, Asbestosis Complications Mortality, Carcinoma Bronchogenic, Dust, Follow-up Studies, Hyalin Substance, Mesothelioma Mortality, Pleural Diseases, Time **Factors**1

The role of some physical and chemical properties of mine dust in the development of pneumoconiosis. (English)

Shevchenko, A. M. Inhaled Part. Vap., 1, 561-70, 1970. [Absorption, Animal Experiments, Human, Carbon Monoxide, Cytoplasm, Dust, Gases, Mining, Nitric Oxide, Phagocytosis, Pneumoconiosis Aetiology, Silica, Temperaturel

Lung function studies in experimental silicosis with a radiospirometric technique and some observations on a technique for inducing unilateral silicosis. A preliminary report. (English)

Dale, K. Inhaled Part. Vap., 1, 347-56, 1970.

[Animal Experiments, Rabbits, Catheterization, Collagen, Disease Models Animal, Dust, Radiography, Methods, Organ Weight, Perfusion, Radioisotopes, Silica, Spirometry, Time Factors, Xenon]

Observations on the mechanism of silicotic fibrogenesis. (English)

Heppleston, A. G. Inhaled Part. Vap., 1, 357-71, 1970. [Animal Experiments, Rats, Bone Marrow Cells, Cell Membrane Permeability, Cells Cultured, Culture Media, Cyclic N-oxides, D.N.A. Metabolism, Fibroblasts, Hydroxyproline, Macrophages, Phagocytosis, Polyvinyls, Pulmonary Alveoli, Pyridines, Review]

Observations on the results of multiple readings of chest films in coal miners' pneumoconiosis. (English)

Felson, B., Morgan, W. K., Bristol, L. J. Radiology, 109, 19-23, Oct. 73.

[Coal Mining, Mass Chest X-ray Standards, Pneumoconiosis Radiography, Technology Radiological, United

Epidemiological investigation on stomach cancer mortality in Chileans: association with nitrate fertilizer. (English) Zaldivar, R., Robinson, H. Z. Krebsforsch, 80, 289-95, 28 Dec. 73.

[Age Factors, Agricultural Workers' Diseases Mortality, Chile, Fertilizers Adverse Effects, Nitrates Adverse Effects, Rural Population, Sex Factors, Stomach Neoplasms Mortality, Weather]

Experimental pneumoconiosis from marble dust. (Russian) Sedov, K. R., Shchebitskaia, Z. I. A. Gig. i. Sanit., 38, 41-4, Dec. 73.

[Animal Experiments, Rats, Bronchial Pathology, Calcium Carbonate, Dust, Lymph Nodes, Pneumoconiosis, Time Factors, English Abstract]

Myocardial infarct in carbon monoxide poisoning. (Bulgarian) Strashimirova, R., Moskov, S. Vutr. Boles., 12, 152-7, 1973. [Carbon Monoxide Poisoning Complications, Electrocardiography, English Abstract, Myocardial Infarct]

Epidemiologic study of pleural mesothelioma in the Trieste area. (Italian)

Gobbato, F., Ferri, R. Lav. Um., 25, 161-71, Nov. 73. [Asbestos Adverse Effects, Mesothelioma Occurrence, Pleural Neoplasms Occurrence, English Abstract]

Clinical picture of the "zinc fever" (observation of 43 patients). (English)

Jaremin, B. Bull. Inst. mar. trop. Med. Gdańsk, 24, 233-42, 1973.

[Bronchi Drug Effects, Fever Chemically Induced, Oxides Adverse Effects, Time Factors, Zinc Adverse Effects1

Estimation of the professional exposure of persons employed at

reloading of aluminium oxide. II. (English) Szczekocki, W., Chmielewski, J., Uselis, J. Bull. Inst. mar. trop. Med. Gdańsk, 24, 211-6, 1973.

[Aluminium, Bronchitis, Chronic Disease, Conjunctivitis, Oxides Adverse Effects, Periodontal Diseases Chemically Inducedl

Pneumoconiosis in the workers of a rubber-processing plant (Author's translation). (German)

Gaubatz, E., Gaubatz-Trott, H. Prax. Pneumol., 27, 740-2, Dec. 73.

[Particle Size, Powders, Rubber, Silicosis Aetiology, Time Factors, English Abstract]

Laboratory diagnosis of increased lead absorption. (English)

Baloh, R. W. Arch. environm. Hlth., 28, 198-208, Apr. 74. [Aminolevulinic Acid Dehydration, Blood, Body Burden, Bone and Bones Analysis, E.D.T.A. Diagnostic Use, Hair Analysis, Heme Biosynthesis, Levulinic Acid Urine, Porphyrins Blood Urine, Protein Binding, Tooth Analysis]

Ventilatory capacity and lung volumes of U.S. coal miners. (English)

Morgan, W. K., Handelsman, L., Kibelstis, J. Arch. environm. Hlth., 28, 182-9, Apr. 74.

[Coal Mining, Lung Physiology, Pneumoconiosis, Respiratory Function Tests, Smoking, Spirometry, Time Factors, United States]

Intake of lead particles through lung alveoli by lead fume inhalation. (English)

Ogata, M., Tanaka, A., Yokomura, E. Acta med. Okayama, 27, 211-9, Dec. 73.

[Animal Experiments, Rats, Histocytochemistry, Lead Metabolism, Lung Pathology, Microscopy Electron, Phagocytosis, Pulmonary Alveoli Metabolism, Spectrophotometryl

Morphological changes of rat lung after exposure to plant dust. (English)

Friborsky, V., Ulrich, L., Tesik, L. Acta morph. Acad. Sci. Hung., 20, 191-7, 1972.

[Animal Experiments, Rat, Bronchitis Aetiology Pathology, Dust, Foreign Body Reaction Pathology, Histiocytes, Macrophages, Pneumoconiosis Pathology, Pulmonary Emphysema Aetiology]

Assessment of the effect of asbestos in the industrial environment. (Recommendations of the Subcommittee on Asbestosis of the Permanent Committee and of the International Occupational Disease Association). (Russian)

Gralley, L., Ayer, H., Amoudri, C., Holmes, S. Gig. i. Sanit., 38, 76-9, Feb. 73.

[Asbestos Analysis, Asbestosis, Chemistry Physical, England, International Cooperation, Maximum Permissible Exposure, Methods]

Peculiarities of red blood regeneration and the mechanism of basophil-granuliform erythrocytes following blood loss caused by lead poisoning. (Russian)

Kulish, O. P. Sovetsk. Zdravookh. Kirg, 6, 38-43, Nov.-Dec.

[Anaemia Aetiology, Animal Experiments, Rabbits, Basophils, Erythrocytes, Erythropoiesis, Lead Poisoning Blood, Regeneration

Working conditions and occupational dust diseases at an open coal pit. (Russian)

Borisenkova, R. V., Krapukhina, E. P. Gig. i. Sanit., 38, 40-3, Feb. 73.

[Coal Mining, Pneumoconiosis Occurrence, Russian Federation (Europe), English Abstract]

Changes in the contents of cholesterol and phosphatases in the lungs of rats exposed to mica dust. (English)

Gupta, G. S., Kaw, J. L., Zaidi, S. H. Int. Arch. Arbeitsmed., 32, 67-73, 1974.

[Animal Experiments, Rats, Ceramics, Cholesterol. Metabolism, Dust, Lung Enzymology, Phosphatases Metabolism, Silica, Silicosis Metabolism]

Asbestos bodies and pleural plaques in human lungs at necropsy. (English)

Hagerstrand, I., Seifert, B. Acta path. microbiol. scand. (A), 81, 457-60, Jul. 73.

[Asbestosis Occurrence, Autopsy, Laterality, Lung Neoplasms, Mesothelioma, Occupations, Pleural Diseases, Sex Factors, Sweden]

Chronic beryllium disease: a continuing epidemiologic hazard. (English)

Hasan, F. M., Kazemi, H. Chest, 65, 289-93, Mar. 74. [Aircraft, Beryllium Poisoning, Chronic Disease, Diagnosis Differential, Lung Analysis, Radiography, Lung Neoplasms Complications, Lymphatic Diseases Radiography, Mediastinoscopy, Nuclear Reactors, Respiration, United States]

Asbestos fibre in the lung and mesothelioma. A re-examination of the Malmo material. (English)

Pooley, F. D. Acta path. microbiol. scand. (A), 81, 390-400,

Jul. 73.

[Asbestosis, Autopsy, Comparative Study, Mesothelioma, Microscopy Electron, Peritoneal Neoplasms, Pleural Neo-

Interactions of lead and glutathione with delta-aminolevulinic acid dehydratase. (English)

Hapke, H. J., Prigge, E. Arch. Toxikol., 31, 153-61, 1973. [Aminolevulinic Acid Dehydration Blood Metabolism, Animal Experiments, Cattle, Dogs, Glutathione, Horses, Human, In Vitro, Lead Poisoning Enzymology, Rabbits, Rats, Swine]

Studies on contact hypersensitivity to chromium compounds. (English)

Polak, L., Turk, J. L., Frey, J. R. Progr. Allergy, 17, 145-226, 1973.

[Human, Animal Experiments, Guinea Pigs, Cell Migration Inhibition, Chromium, Dermatitis Contact Immunology, Desensitization, Eczema Immunology, Hypersensitivity Delayed Immunology, Immune Tolerance, Immunological Memory, Review]

Health problems during use of cadmium. (Russian)

Tarasenko, N. I. U., Vorob' Eva, R. S. Vestn. Akad. med. Nauk, 28, 37-43, 1973.

[Human, Animal Experiments, Rats, Anosmia, Birth Weight, Cadmium, Chronaxy, 17-ketosteroids Urine, Oral Manifestations, Pregnancy, English Abstract]

## 6. Effects of organic substances

Letter: Meat-wrapper's asthma. (English)

J. Amer. med. Ass., 227, 1005, 4 Mar. 74.

[Asthma Aetiology, Chlorides Adverse Effects, Meatpacking Industry, Polyvinyls Adverse Effects]

Comparative hygienic assessment of polyvinylchloride materials used in housing. (Russian)

Antoniuk, O. K. Gig. i. Sanit., 38, 92-4, Sep. 73.

[Construction Materials Adverse Effects, Housing, Polyvinyls Adverse Effectsl

Data for hygienic standardization of amyl alcohol in the atmosphere. (Russian)

Baikov, B. K., Khachaturian, M. K. H. Gig. i. Sanit., 38, 10-4, Sep. 73.

[Air Pollution Analysis, Alcohols Amyl Analysis, English Abstractl

Acute acetone intoxication involving eight male workers. (English)

Ross, D. S. Ann. occup. Hyg., 16, 73-5, Apr. 73.

[Acetone Poisoning, Acetone Urine, Air Pollution, Time Factors, Ventilation]

Calculation of a safe reentry time into an orchard treated with a pesticide chemical which produces a measurable physiological response. (English)

Serat, W. F. Arch. environm. Contam. Toxicol., 1, 170-81, Jul. 73.

[Agricultural Workers' Diseases Prevention and Control, Cholinesterase Blood, Dose-response Relationship, Fruit Analysis, Insecticides Organophosphatase, Kinetics, Pesticide Residues Analysis, Time Factors]

Pathological E.E.G. changes during work with halogenated insecticides. (German)

Israeli, R., Mayersdorf, A. Zbl. Arbeitsmed., 23, 340-4, Nov. 73.

[Brain Diseases Chemically Induced, Electroencephalography, Insecticides Organochloride Poisoning]

Toxic effects of chlorinated hydrocarbon insecticides on the human electroencephalogram. (English)

Mayersdorf, A., Israeli, R. Arch. environm. Hlth, 28, 159-63, Mar. 74.

[Electroencephalography, Insecticides Organochloride Toxicity, Time Factorsl

Oral exposure of workers to parathion through contamination of food items. (English)

Armstrong, J. F., Wolfe, H. R., Comer, S. W. Bull. environm. Contam. Toxicol., 10, 321-7, Dec. 73.

[Administration Oral, Food Contamination, Hand, Human, Parathion]

Erythrocyte resistance and creatinuria in chronic carbon disulfide poisoning. (Russian)

Klishova, Z. N. Gig. Tr. prof. Zabol., 17, 50-2, Sep. 73. [Carbon Disulfide Poisoning, Chronic Disease, Creatine

Urine, Erythrocytes Metabolism] Polyneuritis due to industrial glues during a recent survey in

Naples. Conclusive study. (Italian) Buscaino, G. A. Acta neurol. (Napoli), 28, 673-82, Nov-Dec. 73.

[Cresols Adverse Effects, Organophosphorus Compounds Adverse Effects, Polyneuritis Chemically Induced

Relationship between occupational polyneuritis and technological and hygiene-sanitary factors the working place. (Italian)

Carapella, C. Acta neurol. (Napoli), 28, 683-91, Nov.-Dec. 73.

[Acetone Adverse Effects, Polyneuritis Chemically Induced, Solvents Adverse Effects, Time Factors]

Electromyographic study of recent epidemics of polyneuropathies due to industrial glues. Preliminary study. (Italian) Caruso, G., Stella, L., Sanna, G. Acta neurol. (Napoli), 28, 664-8, Nov.-Dec. 73.

[Cresols Adverse Effects, Electromyography, Organophosphorus Compounds Adverse Effects, Polyneuritis Chemically Induced]

Occupational bladder cancer. (English)

Tepper, L. B. J. Ky. med. Ass., 72, 135-8, Mar. 74.

[Amines Adverse Effects, Bladder Neoplasms Chemically Induced, Carcinogens, Dyes Adverse Effects]

Biological indicators of occupational exposure to trichloroethylene. (English)

Lowry, L. K., Vandervort, R., Polakoff, P. L. J. occup. Med., 16, 98-101, Feb. 74.

[Alcohol Ethyl Urine, Arrhythmia, Creatinine, Fatigue, Methods, Time Factors, Trichloroacetic Acid Urine, Vertigo]

Case report. Toluene diisocyanate. (English)

Cohen, S. R., Maier, A. A. J. occup. Med., 16, 114-8, Feb.

[Acetone Analysis, Asthma, Central Nervous System, Cough, Isocyanates Poisoning, Headache, Hearing Disorders, Maximum Permissible Exposure, Mucous Membrane, Paint, Petroleum, Pharynx, Plastics, Respiratory Function Tests1

Criteria for a recommended standard—occupational exposure to toluene. 1. Recommendations for a toluene standard. Commentary. (English)

Weaver, N. K. J. occup. Med., 16, 109-11, Feb. 74.

[Animal Experiments, Human, Maximum Permissible

Exposure, Toluene Toxicity, United States]
Case reports. Chronic methyl chloride intoxication in six industrial workers. (English)

Scharnweber, H. C., Spears, G. N., Cowles, S. R. J. occup. Med., 16, 112-3, Feb. 74.

[Central Nervous System, Fatigue, Gait, Hypertension, Maximum Permissible Exposure, Mental Disorders, Methyl Chloride Poisoning, Plastics, Recurrence, Speech Disorders, Time Factors, Vertigo, Vision Disorders]

Criteria for a recommended standard—occupational exposure to toluene. I. Recommendations for a toluene standard. (English)

Utidjian, H. M. J. occup. Med., 16, 107-9, Feb. 74.

[Blood Cell Count, Eye, Headache, Maximum Permissible Exposure, Movement Disorders, Mucous Membrane, Nausea, Reaction Time, Specimen Handling, Time Factors, Toluene, Urine Analysis, Vertigo]

Sensitization to benzene compounds. (English)

Bjornberg, A., Mobacken, H. Berufsdermatosen, 21, 245-8,

[Human, Animal Experiments, Rats, Benzene Adverse Effects, Biopsy, Chemistry, Hypersensitivity Diagnosis, Occupational Dermatitis]

Polyneuritis in shoe-upper factory workers: concomitant and environmental causes. (Italian)

Scrima, M., De Rosa, F. Lav. umano, 25, 191-8, Nov. 73. [Human, Industry, Italy, Polyneuritis Chemically Induced, Shoes, Solvents Adverse Effects, English Abstract]

Rating of the exposure to styrene of persons working at the production of polyesteric laminates. (English) Chmielewski, J., Mikulski, P., Uselis, J. Bull. Inst. mar.

trop. Med. Gdańsk, 24, 203-9, 1973.

[Autonomic Nervous System, Blood Sugar Analysis, Human, Styrenes Adverse Effects]

Occupational health case report—No. 1. (English)

J. occup. Med., 16, 22-32, Jan. 74.

[Carbon Disulfide Poisoning, Respirators, Textiles, United States

Coronary disease and chronic exposure to carbon disulfide. (Italian)

Villa, A., Tomasini, M., Cirla, A. Cardiol. prat., 24, 251-4, Jul.-Sep. 73.

[Agricultural Workers' Diseases, Arteriosclerosis, Carbon Disulfide, Cerebral Arteriosclerosis, Chronic Disease, Coronary Disease, Textile Industry, English Abstract]

Lymphocyte chromosome analysis of agricultural workers during extensive occupational exposure to pesticides. (English) Yoder, J., Watson, M., Benson, W. W. Mutat. Res., 21, 335-40, Dec. 73.

[Chromosome Aberrations, Herbicides, Human, Lymphocytes Cytology, Pesticides, Seasons]

Letter: Possible neuropathy from methyl n-butyl ketone. (English)

McDonough, J. R. New Engl. J. Med., 290, 695, 21 Mar.

[Animal Experiments, Rats, Ketones Adverse Effects, Peripheral Nerve Diseases Chemically Induced

Monocytosis in workers exposed to benzene and in chronic benzene poisoning. (German)

Roth, L., Turcanu, P., Dinu, I., Moise, G. Folia haemat. (Lpz.), 100, 213-24, 1973.

[Anaemia Aplastic, Benzene Poisoning, Bone Marrow Cells, Cell Nucleus, Cryoglobulins, Hyperplasia, Leukocytosis, Leukopenia, Macroglobulinaemia, Monocytes, Reticuloendothelial System Drug Effects]

Vinyl chloride disease (Author's translation). (German)

Lange, C. E., Juhe, S., Stein, G., Veltman, G. Int. Arch. Arbeitsmed., 32, 1-32, 1974.

[Blood Platelet Disorders, Scleroderma Systemic, Vinyl Compounds Adverse Effects, English Abstract]

Peripheral neurologic diseases in subjects engaged in the carbon disulfide industry. Clinical, electromyographic, and electroneurographic findings. (German)

Muller, D., Tiedge, U. A., Krell, D. Psychiat, Neurol. med. Psychol. (Lpz.), 25, 668-71, Nov. 73.

[Carbon Disulfide Adverse Effects, Electromyography, Hyperaesthesia, Neural Conduction, Polyneuritis Chemically Induced, English Abstract]

## 7. Effects of animal and vegetable substances

Damage to the human nasal mucosa by wood dust. (English) Hadfield, E. H. Inhaled Part. Vap., 2, 855-61, 1970. [Adenocarcinoma, Carcinoma Epidermoid, Dust, Eth-

moid Sinus, Metaplasia, Nasal Mucosa, Nose Neoplasms, Rhinitis Aetiology, Wood] Diagnostic methods for the clarification of bakers' occupational

Schulz, K. A. Berufsdermatosen, 21, 248-54, 1973.

asthma. (German)

[Allergens, Asthma Diagnosis, Flour Adverse Effects, Pulmonary Emphysema Aetiology, Skin Tests]

Clinical and immunological responses to enzymes of bacillus subtilis in factory workers and consumers. (English) Pepys, J., Wells, I. D., D'Souza, M. F. Clin. Allergy, 3, 143-60, Jun. 73.

[Amylase, Asthma Immunology, Bacillus Subtilis Immunology, Comparative Study, Detergents, Gel Diffusion Tests, I.G.A., I.G.E., I.G.G., I.G.M., Immunoelectrophoresis, Iodine Isotopes, Papain, Peptide Hydrolases]

Follow-up of a group of workers exposed to dusts containing derivatives of bacillus subtilis. (English)

Watt, A., Morley, R., Greenberg, M., Fox, A. J. Clin. Allergy, 3, 133-41, Jun. 73.

[Bacillus Subtilis Immunology, Dermatitis Atopic, Dust, Follow-up Studies, Human, I.G.E., I.G.G., Respiratory Hypersensitivity, Skin Tests, Smoking, Spirometry, Vital Capacity, Work]

Ultrastructural studies in human orf. (English)

Yeh, H. P., Soltani, K. Arch. Derm., 109, 390-2, Mar. 74. [Biopsy, Ecthyma Contagious Aetiology, Inclusion Bodies Viral, Microscopy Electron, Poxvirus Isolation and Purification, Sheep, Skin Pathology]

Farmer's lung: a comparison of simple diagnostic techniques and antigen preparation in human and bovine disease. (English)

Dick, H. M., Dawson, C. O., Campbell, J. D. Clin. Allergy, 3, 209-16, Jun. 73.

[Absorption, Animal Experiments, Cattle, Horses, Antigens, Comparative Study, Culture Media, Gel Diffusion Tests, Immunoelectrophoresis, Spores]

Medical experience in enzyme production. (English)

Witmeur, O., Wolf-Jurgensen, P. Acta allerg. (Kbh.), 28, 250-9, Oct. 73.

[Antibodies, Asthma Chemically Induced, Conjunctivitis Chemically Induced, I.G.E., Peptide Hydrolases, Spirometry, Subtilisins Poisoning, Thoracic Radiography, Time

Hypersensitivity reactions to grain dust. (English)

Warren, P., Cherniack, R. M., Tse, K. S. J. Allergy Clin. Immunol., 53, 139-49, Mar. 74.

[Airway Obstruction Diagnosis, Allergens, Dust, Grain, Hypersensitivity Immediate Immunology, Precipitin Tests, Respiratory Function Tests, Skin Tests]

Letter: Mushroom worker's lung. (English)

Stewart, C. J., Pickering, C. A. Lancet, 1, 317-23, Feb. 74. [Allergens Analysis, Antibodies Fungal Isolation and Purification, Lung Diseases Immunology, Mushrooms, Respiratory Hypersensitivity Aetiology]

#### 8. Effects of physical agents

Thermographic studies of vibration-induced peripheral circulation disorders. (German)

Mahrlein, W., Krause, M., Oeser, R., Selig, R. Z. ges. inn. Med., 28, 686-9, 15 Nov. 73.

[Cardiovascular Diseases Actiology, Hand Blood Supplement, Infrared Rays, Methods, Mining, Thermography, Vibration Adverse Effects, English Abstract]

Asymptomatic sinus disease in aircrew members. (English)

Hanna, H. H. Aerospace Med., 45, 77-81, Jan. 74. [Cysts Radiography, Follow-up Studies, Frontal Sinus, Maxillary Sinus, Osteoma Radiography, Prospective Studies, Sinusitis Radiography, United States]

Radiographic findings of carpal bones of motor-sawyers (Author's translation). (German)

Horvath, E., Kakosy, T., Kovacs, L. Radiol. diagn. (Berl.), 14, 583-94, 1973.

[Atrophy Radiography, Carpal Bones, Human, Joint Diseases Radiography, Vibration Adverse Effects, English Abstract

Morphological changes in the cochlea in experimental noise trauma: phase contrast microscopy. (Russian)

Suladze, E. S. H., Gvakhariia, Z. V. Vestn. Otorinolaring., 35, 23-6, May-Jun. 73.

[Acoustic Trauma Pathology, Animal Experiments, Guinea Pigs, Microscopy Phase Contrast, English Ab-

A method for the assessment of impact noise with respect to injury to hearing. (English)

Martin, A. M., Atherley, G. R. Ann. occup. Hyg., 16, 19-26, Apr. 73.

[Acoustic Trauma, Acoustics Instruments, Hearing, Noise, Time Factorsl

Effect of impulse noise on workers' hearing. (Russian)

Maksimova, L. I., Pomerantseva, N. V. Gig. i. Sanit., 38, 33-6, Sep. 73.

[Acoustic Trauma Diagnosis, Audiometry, Hearing Disorders Diagnosis, Human, English Abstract]

Biological modeling and criteria for standardization of wholebody vibration and noise. (Russian)

Andreeva-Galanina, E. T. S., Alekseev, S. V. Vestn. Akad. med. Nauk., 28, 30-7, 1973.

[Human, Animal Experiments, Disease Models Animal, Dogs, Monkeys, Rabbits, Rats, Vibration]

T.L.V.S. threshold limit values for physical agents adopted by A.C.G.I.H. for 1973. (English)

J. occup. Med., 16, 49-58, Jan. 74.

[Heat, Lasers, Microwaves, Noise, Radiation, Ultraviolet Rays, United States]

The validity of the 'energy principle' for noise-induced hearing loss. (English)

Scheiblechner, H. Audiology, 13, 93-111, Mar.-Apr. 74. [Acoustic Trauma, Audiometry, Auditory Threshold, Energy Transfer, Evaluation Studies, Mathematics, Models Biological, Noise, Presbycusis, Sex Factors, Time Factors

General and regional changes in the intensity of oxidative processes in vibration disease. (Russian)

Abramovich-Poliakov, D. K. Gig. Tr. prof. Zabol., 17, 12-5, Jul. 73.

[Basal Metabolism, English Abstract, Metallurgy, Oximetry, Oxygen Consumption, Urine Analysis, English Abstractl

State of auditory function in persons working since adolescence in a noisy environment. (Russian)

Kramarenko, I. B., Ostapkovich, V. E. Vestn. Otorinolaring, 35, 93-6, Jan.-Feb. 73.

[Age Factors, Audiometry, Comparative Study, English Abstractl

The influence of time pauses upon the threshold of feeling vibration by people working with pneumatic tools. (English)

Zaborski, L., Szczepanski, C., Piorek, S. Bull. Inst. mar. trop. Med. Gdańsk, 24, 285-90, 1973. [Human, Methods, Task Performance and Analysis,

Temperature, Time Factors, Vibration]

Tomography in the diagnosis of chronic caisson osteoarthropathy (Author's translation). (German)

Horvath, F., Rozsahegyi, I. Fortschr. Röntgenstr., 119, 610-8, Nov. 73.

[Acetabulum, Decompression Sickness Complications, Femur, Humerus, Joint Diseases, Osteosclerosis Radiography, Tomography Radiographic]

Comprehensive clinical and psychological studies of patients exposed to chronic acoustic trauma. (Polish)

Klonowski, S., Semczuk, B., Stanios, W. Pol. Tyg. lek., 29, 313-5, 25 Feb. 74.

[Acoustic Trauma Complications, Chronic Disease, Hearing Disorders Aetiology, Haemodynamics, Time Factors, English Abstract]

Aseptic necroses of lunate or navicular bones with motor-saw workers (Author's translation). (German)

Horvath, F., Kakossy, T. Z. Orthop., 111, 906-13, Dec. 73. [Bone Diseases Diagnosis, Carpal Bones, Necrosis, Pseudarthrosis Aetiology, Vibration Adverse Effects, English Abstract]

Noise-induced hearing loss and presbycousis. (English)

Macrae, J. H. Audiology, 10, 323-33, Sep.-Dec. 71. [Acoustic Trauma Complications, Audiometry, Auditory

Threshold, Bone Conduction, Noise, Presbycousis Complications, War]

Proceedings: assessment of acoustic trauma. (German)

Schwetz, F., Schlegel, H., Probst, R. Hefte Unfallheilkd., 114, 197-220, 1973.

[Acoustic Trauma Diagnosis, Audiometry Instruments, Mass Screening, Methods, Noise]

Proceedings: IV. Industrial medicine. Mass screening of workers exposed to noise. (German)

Humperdinck, K., Surbock, A. Hefte Unfallheilkd., 114, 193-7, 1973.

[Acoustic Trauma Diagnosis, Audiometry, Diagnosis Computer Assisted, Mass Screening, Noise]

Interaction of continuous and impulse noise: audiometric and histological effects. (English)

Hamernik, R. P., Henderson, D., Crossley, J. J. J. acoust. Soc. Amer., 55, 117-21, Jan. 74.

[Acoustic Stimulation, Acoustic Trauma Aetiology, Animal Experiments, Auditory Threshold, Organ of Corti Pathology, Time Factors]

## 9. Methods of investigation of body function

# 10. Environmental measurement, control, and protection of the subject

Sources of error in determining lead in blood by atomic absorption spectrophotometry. (English)

Kopito, L. E., Davis, M. A., Shwachman, H. Clin. Chem., 20, 205-11, Feb. 74.

[Animal Experiments, Rats, Human, Bismuth, Comparative Study, Erythrocytes Analysis, Evaluation Studies, Heparin, Human, Lead Blood, Lead Poisoning Blood, Methods, Nitrates, Protein Binding, Radioisotopes, Species Specificity, Spectrophotometry Atomic, Time Factors]

Micrograms of T.D.I. by chromatography. (English) Schanche, G. W., Hermann, E. R. Amer. industr. Hyg.

Ass. J., 35, 47-52, Jan. 74. [Air Pollution Analysis, Chromatography Gas, Electrons, Maximum Permissible Exposure, Methods]

Globe thermometer evaluation. (English)

Graves, K. W. Amer. industr. Hyg. Ass. J., 35, 30-40, Jan.

[Air Movements, Aluminium, Copper, Evaluation Studies, Mathematics, Temperature, Thermometers Standards]

A note on the protection afforded by hearing protectors-implications of the energy principle. (English)

Else, D. Ann. occup. Hyg., 16, 81-3, Apr. 73.

[Acoustic Trauma Prevention and Control, Human, Noise, Protective Clothing]

Chemical indicator tubes for measurement of the concentration of toxic substances in air. First report of a Working Party of the Technology Committee of the British Occupational Hygiene Society. (English)

Ann. occup. Hyg., 16, 51-62, Apr. 73.

[Indicators and Reagents, Poisons Analysis, Question-

Measurement of personal exposure to 1,1,1-trichloroethane and trichloroethylene using an inexpensive sampling device and battery-operated pump. (English)

Simmons, J. H., Moss, I. M. Ann. occup. Hyg., 16, 47-9, Apr. 73.

[Environmental Exposure, Hydrocarbons Chlorination Analysis, Methods, Silica, Trichloroethylene Analysis]

Personal hearing protection. (English)

Russell, S. Occup. Hlth. (Lond.), 25, 460-2, Dec. 73. [Hearing Disorders Prevention and Control, Protective

A noise pollution level instrument. (English)

Hamburg, J. A. Rev. Sci. Instrum., 44, 1618-20, Nov. 73. [Acoustics Instruments, Environmental Pollution Analysis, Noise]

Air sampling as part of an integrated programme of monitoring of the worker and his environment. (English)

Langmead, W. A. Inhaled Part. Vap., 2, 983-95, 1970. [Aerosols, Air Analysis, Faeces Analysis, Human, Lung Physiology, Methods, Models Biological, Monitoring Systems, Particle Size, Radioactivity, Skin Analysis, Time Factors, Urine Analysis]

Hygienic importance of the quantity and dispersity of dust. (English)

Tkachev, V. V. Inhaled Part. Vap., 2, 975-9, 1970. [Dust Prevention and Control, Gold, Human, Mining, Pneumoconiosis Occurrence, U.S.S.R.]

Device for the integral hygienic evaluation of noises. (Russian) Chumak, P. N., Minin, B. A., Falin, N. I. Gig. Tr. prof.

Zabol., 17, 48-50, Jul. 73. [Acoustic Trauma, Environmental Exposure, Human, Noise, U.S.S.R.]

Criteria for a recommended standard—occupational exposure to noise. I. Recommendations for a noise standard. (English) Utidjian, H. M. J. occup. Med., 16, 33-7, Jan. 74. [Deafness Diagnosis, Noise Prevention and Control, United States

# 11. Miscellaneous

Regional morbidity. (English)

Statist. Bull. Metrop. Life Ins. Co., 54, 10-1, Nov. 73. [Absenteeism, Geography, Human, Insurance Life, Morbidity, Sex Factors, Statistics, United States]

Widening perspectives of occupational lung disease. (English) Selikoff, I. J. Prev. Med., 2, 412-37, Nov. 73. [Asbestosis, Bronchitis, Dust, Epidemiological Methods,

Lung Diseases Occurrence, Lung Neoplasms, Particle Size, Pleural Diseases, Pneumoconiosis, Review]

Chromosomes and spray adhesives. (English)

Cervenka, J., Thorn, H. L. New Engl. J. Med., 290, 543-5, 7 Mar. 74.

[Aerosols Adverse Effects, Chromosome Aberrations, Government Agencies, Lymphocytes Cytology, Mitosis, Time Factors

Protection, care and cleaning of the skin in relation to the working place. (German)

Leyh, F. Hautarzt, 24, 415-7, Oct. 73.

[Buffers, Emulsions, Hydrogen-ion Concentration, Hygiene, Occupational Dermatitis Prevention and Control, Ointments, Plastics, Silicones, Soaps, Solvents, Water, Review]

Fire fighting and pulmonary function. An epidemiologic study (English)

Sidor, R., Peters, J. M. Amer. Rev. resp. Dis., 109, 249-54, Feb. 74.

[Fires, Mucus Secretion, Nasal Mucosa Secretion, Oxygen Inhalation Therapy, Regression Analysis, Respiration, Smoke, Smoking, Spirometry, Vital Capacity]

Prevalence rates of chronic non-specific respiratory disease in fire fighters. (English)

Sidor, R., Peters, J. M. Amer. Rev. resp. Dis., 109, 255-61,

[Respiratory Tract Diseases Occurrence, Smoke, Smoking, Spirometry, Time Factors, Vital Capacity]

Letter: Testing factory workers for glycosuria. (English) Griffiths, E. P. Brit. med. J., 1, 200, 2 Feb. 74.

[Diabetes Mellitus Diagnosis, Glycosuria Diagnosis, Mass Screening, Reagent Strips]

Registers and registries: a review. (English)

Weddell, J. M. Int. J. Epidemiol., 2, 221-8, Autumn 73. [After Care, Blindness Occurrence, Chronic Disease, Coronary Disease Occurrence, Genetic Counselling, Handicapped, Hypothyroidism Occurrence, Mental Disorders Occurrence, Neoplasms Occurrence, Occupational Diseases Occurrence, Preventive Medicine, Prospective Studies, Radiotherapy, Registries, Review]

The influence of myocardial infarction on life span and work

capacity. (Russian)
Volkov, V. S., Agraeva, V. M., Kursakov, N. K. Sovetsk. Zdravookh, 31, 17-21, 1972.

[Age Factors, Disability Evaluation, Follow-up Studies,

Life Expectancy, Prognosis, Russian Federation (Asia), English Abstract]

Study of skin resistance to alkalies as a method for assessment of its protective properties. (Russian)

Kystaubaeva, K. S. Gig. i. Sanit., 38, 65-7, Sep. 73. [Alkalies Adverse Effects, Human, Occupational Derma-

titis, Skin Absorption, Skin Tests] Significance of the epidermal barrier in the pathogenesis of occupational dermatoses-allergic dermatitis and eczema. (Russian)

Kystaubaeva, K. S. Sovetsk. Med., 36, 148-9, Jul. 73. [Asbestos Adverse Effects, Eczema Chemically Induced, Hydrogen-ion Concentration]

Value of studying psychic status for the diagnosis of occupational poisoning. (Russian)

Korolenko, T. S. P., Piven, P. N. Gig. Tr. prof. Zabol., 17, 20-3, Jan. 73.

[Benzene Poisoning, Lead Poisoning, Mercury Poisoning, Neurological Manifestation, Petroleum Poisoning, English

Bronchial asthma as an occupational disease. (German) Lederer, E. Münch. med. Wchr., 115, 2161-8, 23 Nov. 73. [Asthma Diagnosis Aetiology Therapy, Diagnosis Differential, Disability Evaluation, Drug Hypersensitivity, Environmental Exposure, Germany West, Human, Review]

1971 Yant Memorial Lecture. Mining: problems and progress in industrial hygiene. (English)

Walton, W. H. Amer. industr. Hyg. Ass. J., 35, 1-12, Jan.

[Accidents Industrial, Carbon Monoxide Poisoning, Coal Mining, Dust, Environmental Exposure, Explosions, Gold, Heat, Humidity, Lighting, Methane, Nitrogen Oxides, Noise, Pneumoconiosis Aetiology, Radon Poisoning,

Environmental and health monitoring in occupational health. Report of a W.H.O. expert committee. (English) Wld. Hlth. Org. Techn. Rep. Ser., 535, 1-48, 1973.

[Environmental Health, Human, Industrial Medicine, Occupational Health Service, World Health Organization]

An industrial dermatitis clinic in a district hospital. (English) Wilkinson, D. S. Proc. roy. Soc. Med., 66, 1166-7, Dec. 73. [Hospital Departments, Human, Occupational Dermatitis, Registries, Skin Tests, State Medicine]

Professional cancers and their prevention. (French)

Kalis, B., Pourny, C. Therapeutique, 49, 409-12, May-Jun.

[Aniline Compounds, Arsenic, Bladder Neoplasms, Bone Neoplasms, Coal, Leukaemia, Neoplasms Radiation-Induced, Petroleum, Respiratory Tract Neoplasms, Skin Neoplasms]

The problem of rheumatic disease among seamen and fishermen. (English)

Chmielewski, J., Jaremin, B., Gandurski, P. Bull. Inst. mar. trop. Med. Gdańsk., 24, 291-303, 1973. [Fisheries, Rheumatism Occurrence, Social Problems]

Health hazards in foundry workers. (English) Agarwal, M. C., Bhargava, R. R., Mital, O. P. Indian J. Chest Dis., 15, 276-84, Oct. 73.

[Anaemia, Burns, Eye Diseases, Intestinal Diseases, Metallurgy, Pneumoconiosis, Skin Diseases, Tuberculosis Pulmonary Occurrencel

The evaluation of chemical mutagenicity data in relation to population risk: impact of various types of genetic damage and risk assessment. (English)

Crow, J. F. Environm. Hlth. Perspect., 6, 1-5, Dec. 73. [Chromosome Abnormalities Chemically Induced, Environmental Exposure, Genes Dominant, Genes Recessive, Genetics Population, Hereditary Diseases Chemically Induced, Heterozygote, Homozygote, Human, Maximum Permissible Exposure, Mutagens Toxicity, Radiation Genetics, Time Factors1

Comments on and summary of panel on assessment of in vitro and in vivo mutagenicity data with regard to safety evaluation. (English)

Abramamson, S. Environm. Hlth Perspect., 6, 193, Dec. 73. [Animal Experiments, Genetic Techniques, Human, Mutagens, Mutation]

M.A.C. (maximum allowable concentration) in high temperature work places. (Italian)

Capodaglio, E., Maugeri, U. Med. Lav., 64, 198-205, May-Jun. 73.

[Adaptation, Fatigue Physiopathology, Heat Adverse Effects, Haemodynamics, Human, Maximum Permissible Exposure]

T.L.V.S. threshold limit values for chemical substances in workroom air adopted by the American Conference of Government Industrial Hygienists for 1973. (English) J. occup. Med., 16, 39-49, Jan. 74.

[Carcinogens, Dust, Gases, Minerals, Poisons, United States

Importance of M.A.C. (maximum allowable concentration) in preventive medicine of the workers. (Italian)

Capellini, A. Med. Lav., 64, 215-7, May-Jun. 73. [Air Pollution, Human, Italy, Maximum Permissible Expo-

Biological M.A.C. (maximum allowable concentration).

(Italian)

Crepet, M. Med. Lav., 64, 206-14, May-Jun. 73. [Air Pollution, Biotransformation, Human, Levulinic Acid Metabolism, Maximum Permissible Exposure, Porphyrins Metabolism]

M.A.C. (maximum allowable concentration) for powders. (Italian)

Zurlo, N., Patroni, M. Med. Lav., 64, 181-9, May-Jun. 73. [Air Pollution, Human, Italy, Maximum Permissible Exposure, Powders, Silicosis Prevention and Control]

Recent international developments concerning maximum permissible limits. (Italian)

Parmeggiani, L. Med. Lav., 64, 166-71, May-Jun. 73. [Environmental Health, Human, Italy, Maximum Permissible Exposure, Time Factors]

Technical problems in the control of M.A.C. (maximum allowable concentration) in the working places. (Italian) Esposito, L. Med. Lav., 64, 172-80, May-Jun. 73. [Air Pollution, Human, Italy, Maximum Permissible Expo-

Maximum acceptable concentrations of solvents in the industry.

Iannaccone, A., Cecchetti, G. Med. Lav., 64, 190-7, May-Jun. 73.

[Air Pollution, Human, Maximum Permissible Exposure, Solvents]

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- DIVISION OF OCCUPATIONAL HEALTH, Australia. Report on proceedings of seminar 'Absenteeism in Industry' 1973. 76
- DUCK, B. W., editor: Proceedings of the sym-

- posium on the assessment of exposure and risk, 1973. 80
- EASTHAM, R. D.: A laboratory guide to clinical diagnosis, 3rd ed., 1973. 81
- Environmental Health Aspects of Lead. Proceedings of International Symposium, Amsterdam, HMSO, 1972. 170
- ENCYCLOPAEDIA OF OCCUPATIONAL HEALTH AND SAFETY Vol. II/L-Z, 75
- FFRENCH, G.: Occupational health. 171
- GIBSON, G. L., *editor:* Infection in Hospital—a code of practice. 2nd ed., 1974. 250
- GREGORY, P. H.: Microbiology of the atmosphere, 2nd ed. 1973. 77
- Grundy, F., and Reinke, W. A.: Health practice research and formalized managerial methods, 1972. 78
- HODGE, H. C., STANNARD, J. N., and HURSH, J. B., *editors:* Handbook of experimental pharmacology. Uranium, plutonium and transplutonic elements, 1973. 251
- HOWARD, A. N., and BAIRD, M. editors: Nutritional deficiencies in modern society, 1973. 78
  INSTITUTE OF OCCUPATIONAL MEDICINE. Report 1969-72. 1973. 77
- KINNERSLEY, P.: The hazards of work: how to fight them, 1974, 171
- LEAD DEVELOPMENT ASSOCIATION: Medical aspects of lead absorption in industrial processes. 171
- MATARAZZO, J. D., editor: Wechsler's Measurement and appraisal of adult intelligence, 5th ed. 1973. 169
- MINISTRY OF DEFENCE. Statistical tables on the health of the Army, Vol. 1 1967, Vol. II 1968, Vol. III 1969. Statistical tables on the health of the Army 1970. 1972. 77
- NATIONAL COAL BOARD. National Coal Board medical service annual report 1971-72. 1973. 79
- NATIONAL HEART AND LUNG INSTITUTE: Respiratory diseases: Task force report on problems, research approaches, needs, 1973. 172
- PowLey, P.: Trauma surgery excepting bones and joints, 1973. 80
- RAND MINES LIMITED (Health Department) Annual report, Director of Medical Services, 1971, 76
- St. John Ambulance Association and Brigade: Occupational first aid, 1973. 77
- SELIKOFF, I. J., KEY, M. M. and LEE, D. H. K., editors: Coal workers' pneumoconiosis, 1972.
- TOLGSKAYA, M. S., and GORDON, Z. V.: Pathological effects of radio waves, 1973. 172
- TREVETHICK, R. A.: Environmental and industrial health hazards, 1973. 80
- TUC Centenary Institute of Occupational Health

Fourth Annual Report 1971/72. 1973. 79

WORLD HEALTH ORGANIZATION, Vector control in International health, 1972. 168

WORLD HEALTH ORGANIZATION, Evaluation of environmental health programmes: report of a WHO Scientific Group, 1973. 168

WORLD HEALTH ORGANIZATION: Safe use of pesticides. 20th report of the WHO Expert Committee on Insecticides, 1973. 330

British Occupational Hygiene Society, Fourth International Symposium on inhaled particles and vapours, Edinburgh, September, 1975, advance notice, 251

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