

February, 1942

Industrial Hygiene Foundation,
4400 Fifth Ave., Pittsburgh, Pa.



INDEX

DIGEST OF INDUSTRIAL HYGIENE

1941

Absenteeism, industrial
46-47-48-547-580-939

Acetylene
633

Acne, occupational
937

Acridin
592

Aerosol filtration
266

Air
analysis 558
conditioning 53-958-963
rel. to resp. dis. 388
sampler 661
sampling 52-734
bacterial 835
sterilization 588

Alcohol, polyvinyl
72-512

Aluminum
in silicosis 188-189

Ammonia
466-467

Amyl nitrite
860

Anemia
139

Ammonia pectoris, electric
743

Aniline
684-867
determination 290

Anoxia
129-333-570

Anthracene
1016

Anthraco-silicosis
948

Anthrax
479-850-851-1001

Antimony
toxicity 409

Arsenic
determination 595-663
and goitre 770
poisoning 149-309-406-524-601-
873
therapy 772
trioxide 782

Arthritis, chronic
582

Asbestosis
in brake band industry 260
dust retention 567
general 261-430-826-830
lung cancer 711
with tuberculosis 712

Atmospheric impurities
665

Avitaminosis A
583

003634

Health hazards 477

Benzene 132

Benzene, carcinogenic 1905

Bekers' eczema 1306

Basophilic aggregation test 136

Basophilic stippling 408

Benzene
and vitamin C 783
general 221-222-287-288-513-868-
1007-1009-1012-1013
in plastics industry 289
pathology 507
poisoning 69-162-164-391-393-397
regulations for 508
toxicology 390

Benzidine 290

Benzine 154

Beryllium 148-399

Bleaching compounds 529

Blindness, night 93

Blood, spectra 457

Book notices
161-183-184-185-343-344-
444-449-626-627-628-629-
630-631-721-722-723-724

Bulletin, educational 311

Burns, ocular 594

Butane explosion 980

Cadmium poisoning 310-412-527-533-602

Caisson disease
general 122-852
pathology 316
prevention 124

Caisson workers 85

Cancer
bronchial 167
experimental 327-330
irritation 417
legal aspects 87
resin 331
skin 768
skin, light effect 166
statistics 398
tar 227
tar dust 328
traumatic 225
wood tar 329

Capacity, vital 837

Carbon disulfide
biochemistry 401
determination 135-399
general 277-1011-1014
poisoning 157
recorder 552

Carbon monoxide
blood content in disease 657
determination 62-63-64-269-270-271
determination in blood 403
general 113-404-461-465-732-1031
hemoglobin determination 274-282
in blood 137
in foundries 272
pathology 273-458-459-468
poisoning 61-65-978-986
treatment 658-674

Carbon tetrachloride
100-400-011-869

Cataract
91

Chloroacetic acid
390

Chlorine
409-668

Chloronaphthalin
1000

Chromium
1024

Coal miner's lungs
713

Cobalt
acetate 153
elimination 591

Cold, common
49-50-201-649
incidence 298
prevention 301

Compression chamber
experimental 981

Constitution
742

Copper
219

Coronary disease
332

Cotton mill fever
671

Croscote
709

Cutting compounds
472

Cyanide
313-430-598

Deafness, aviation
123

Defense, national
33

Dermatitis
acneform 165
airplane manufacturing 879
butane 593
carrot 678
cement 516
control 676-677-679-681
cosmetic 1003
cutting oil 519
dextrin 597
diagnosis 80
flour 762
fluorescent light 881
fruit handlers 603
general 74-75-76-77-78-79-228-
396-520-683-993-995-996
hexa-nitrodiphenylamine 765
Iroko 767
literature 680
nail polish 1004
oil 226
parachlormetacresol 605
prevention 521
resistance tests 600
role of infection 760
rubber 878
skin cleanser 764
skin tests 763
tobacco 517
treatment 761

Dermatosis
coal miners' 518
industrial 168

Derris root
77

Detonator manufacture
hazards 134

Diffraction, x-ray
472

Dinitrophenol
70

Disability, evaluation

577

Sicknesses

compressed air 973

Industrial

compensable 302-847-356

diagnosis 480

general 111-112-127-359

legal aspects 725

legislation 7-87-233-238-819

nervous 501

signs and symptoms 846

statistics 300

respiratory 821

vascular 745

diagnosis 866

peripheral 86

Diving

apparatus 569

deep 95-121

Dry batteries making

373

Dry cleaning industry

220

Dupuytren's contraction

83

Dural ulceration

559

Dust

anthracite 554

cement 366

control

in asbestos industry 262

in ceramic industry 23-257

cement 724

cyclone collectors 21

drilling 116-827

in foundries 190-199-434-833

general 17-19-20-194-248-249-557-

584-585-586-587-589-590-

658-749-943-962-968-970-971

ore crushing 369

cotton 578

counting 120-987-990

determination

general 250-251-439

methods 246-247

Dust (cont'd)

explosion 51-55b

grain 186-673

thermal repulsion 252-253

Education

206

Electroplating, ventilation

312

Ethylene dichloride

883

Examination

physical 41-42-216-217-545-

556-652-925

pre-employment 43-44

Explosives, military

747

Eye

disability 355

diseases 39-90

examination 91-92-93

injuries 337

protection 335-645

Eyesight

glass blowers 759

myopia 756

protection 755

Fatigue

863-865

effect of rest on 378

factor 496

measurement 377

Fiberglass

367

Fibrillation, ventricular

110

Filters

air 385

velocity 855

dust 436-437-438-440-441

Fluoride, poisoning

314

003837

Index - 3.

Fluorocarbons
236

Fluorine
determination 733

Fluorocopy
213

Fluorosis
195

Foot and mouth disease
82

Formaldehyde
394

Foundry,
safe practice 375

Fur industry
376

Cases
Diesel exhaust 65-660
explosion 98-731
indicators 278
mine 462-463
mixtures 285
nitrous 464-1029-1030
poison
detection 283
protection 294
toxicology 279-280-281-284

Gasoline
392

Gerontology
351

Glare
133

Glass sand
639

Glycerol
73-151

Glycerols
1008

Halogens, organic
983

Handicapped, physically
30-356

Health, industrial
in wartime 502
general 29-31-40-202-204-205-
208-209-212-215
executives 653
program 546

Heat
cramps
prevention 644
effects 561
excessive 737-739
stroke 84

Hernia
374

Hookworm
495

Hours, in wartime
125-924

Housekeeping
643-672

Housing
860

Hydrocarbons
71
halogenated 509
determination 210-515

Hydrocyanic acid
531-532-771

Hydrofluoric acid
229-230

Hydrogen cyanide
659

Hydrogen fluoride
68

Hydrogen phosphide
723

003838

Hydrogen sulfide

465-565-566-632-729
 determination 66-135-471
 general 405
 poisoning 986
 treatment 276

Hygiene, industrial

defense program 636-638-640-655-
 816-817-856-903-907
 education 635-812
 foreign countries 27-23
 general 25-36-37-370-435-634-
 642-646-648
 history 813
 lectures 909-914
 mental 29-34
 methods 945-988-989
 naval 478
 propaganda 908-916-984
 reports 904-905-908-910-917
 state 26
 survey report 637
 trends 911

Illumination, industrial

198-503-504-669-750-861

Insecticides

142

Insurance

workmen's compensation 362

Ionization, in mines

296

Isophorone

161

Isovaleraldehyde

146

Jurisprudence, **medical**

462

Ketones

224

Lauryl-diethylene-triamine

160

Lead

arsenate 140
 battery industry 57-777

Lead (cont'd)

battery plant survey 686
 calculus 407
 control 1023
 diagnosis 688-689
 determination 303-831-832-834-991
 encephalopathy 304-775
 excretion 870-871-872-874-
 875-876
 general 410-411-415-416
 in blood 525
 line 1022
 pathology 526
 poisoning 55-56-57-58-59-141
 in printing shops 158-159
 sampling 414
 toxicity 877
 treatment 682-687-690-774-776
 in urine 138-1026-1027

Leucopenia

836

Limits, permissible

1-54-109

Magnesium

health hazards 752
 fires 979

Manganese

311-1019

Masks

air supplied 571
 gas
 effects on circulation 853

Medicine, aviation

383

Medicine, industrial

32-33-35-38-86-245-563-654-814-
 813-820-822-823
 general 360-382-483-488-489-
 494-741-754
 historical 363
 fee arbitration 579
 general practice 922-927
 legal 918-919-920-921
 technologist 923

Melanism

994

003030

Mercury

determination 60
 dropping electrode 982
 experimental 306-308
 felt hat industry 305-307
 general 307-522-523
 hazard
 in laboratories 693-694
 methyl poisoning 147

Metabolism

carbohydrate 96
 in humid heat 123

Metal

cardiovascular
 effect 413
 finishing 500
 light
 effects 976
 poisoning 1025

Methacrylate

1018

Methyl bromide

1020

Methyl chloride

152-292

Micrometer eyepiece

372

Mining

736-912
 dust control 942
 ventilation 957
 work
 physiology 491

Mucoid metaplasia

514

Naphthalene

664

Naphtha oil

317

Nitrobenzene

391

Nitrogen oxides

193-402

N, N-amyI-Benzyl-Cyclohexylamine

130

Noise

130-362
 excessive
 ear effects 753
 prevention 748

Nurse, industrial

20-39-207-211-214-358-
 361-641-926-928-929

Nutrition

486-858

Nystagnus

551
 minor's 89-848

Oxygen

97

Ozone

67-297-460

Paint

hazards 506-1021
 remover 692
 spraying 675-730-1018

Particle size

determination 662
 invisible 574

Pentachlorophenol

1010

Petroleum industry

913

Phagocytosis, in lung

259

Phosphine

780

Phosphorus

782

Physiology

gas absorption 498-499
 work 497

Pneumoconiosis		Röntgenology, medicolegal	
371		473	
coal miners	542	Rotogravure	
iron	524	365	
Precipitator, electrical		Rubber industry	
267		735	
Pressure, abnormal		Safety instruction	
85-95-96-753-757-839		647	
Psychoses, traumatic		Sanitation, industrial	
364		493	
Quartz		Selenium	
985		779-1028	
Radiation		Shock, electric	
382		452-454-455-549	
Radium		treatment 110	
999		Signs	
Records, accident		fluorescent health hazards 131	
45		Silica	
Registration, physicians		effect on tubercle bacillus 115	
347		particle size 387	
Rehabilitation		pharmacology 354	
492-531		Silicic acid	
Reports		828	
dust survey 715-718		Silicosis	
foreign (Gr. Britain) 484		949	
industrial health 544-548		abrasive powder 433	
state (New York) 487		acute 944	
Respiration		aluminum, use of 941	
48		and tuberculosis 829	
artificial 450-451-453-543		diagnosis 357	
Respirators		experimental 256	
442-443-444-445-446-448-575-974		foundries 432-435-576	
air filter 117		from porphyry 254-560	
approved 386-726		incidence in foundries 947	
general 118		in iron ore workers 8	
regulations 449		in paint plants 670	
for formaldehyde 784		intrathoracic 825	
optical fitting 854		mineralogy 707-708-710	
testing 447		pathology 11-258	
Respiratory tract		prevention 9-706-940	
physiology 299		production 950	
		report 255-714-719	
		soft coal miners 561	
		statistics 264	
		x-rays 720	

Silicotuberculosis

19

Skin cleansers

596

Skin diseases

bromofluorine 319

general 322-323-324-325

in photography 318

in rubber industry 321

oil 326

sodium tetrachlorophenoxide 320

Skin temperature

99

Slate

431

Soldering fluid

268

Solvents, organic

degreasing hazards 606

poisoning 145

toxicology 389

vapor pressures 604

Statistics

absenteeism 843

compensation 195

morbidity and mortality

46-191-346-348-350-844-845-938

glass workers 722-758

occupational disease claims

842-849

Stomatitis

82

Submarine, rescue work

126-481

Sulfur dioxide

determination 470-471

in foundries 275-295

Sulfur, mercaptan,

determination 66

Sulfur, in ring

15

Survey, industrial hygiene

192-195-196

Susceptibility, inherited

1002

Syphilis

930-931-932-933-934-935-

936-937-992

Tellurium

691

Temperature, effective

553-568

Terpenes

999-1015

Tests, diagnostic

203

Therapy

oxygen injection 721

physical 349

throat infection 744

Tissue response

187

Tissue silica content

562

Trinitrotoluene

156-528-781

Tobacco workers

778

Toluene

163-291

Trauma, in heart disease

864

Trichlorethylene

143-510

Trichloro-ethylamine

223

Triorthocresyl phosphate

505

Tuberculosis

815-953-954-955
 control 119-716-717-952
 effect of chlorine 315
 general 10-12
 industrial 475
 pseudo 476
 symposium 951

Tumors

bladder 773
 fuel oil 218
 glomus 373
 occupational 426

Tunnels

915

Turpentine

144

Ulcers, gastric

114

Venereal diseases

in industry 663-667

Ventilation

959-960-961-965-966-967-969
 hood design 381
 in blackout 197
 industrial 200
 diluent 20-22
 exhaust systems 15-16-17-
 18-19-21
 instruments 751
 plating tanks 857
 in wartime 964-972
 in welding 973-977

Vibration

130

Vision

334

Weill's disease

81-740-746-840-841

Welding

132-336-379-456-550

X-Ray

chest 353
 comparison of methods 838
 diagnostic 13-14
 examination 263
 of dust 265
 miniature 474-709
 35 mm. film 368
 mycosis fungoides 727
 protection 384
 in silicosis 946
 toxic 94

Xylene

291