

February, 1942

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

PLAINTIFF'S EXHIBIT

IHF-499

INDEX

DIGEST OF INDUSTRIAL HYGIENE
1941

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

Acetylene
633

Acne, occupational
997

Acridin
592

Aerosol filtration
266

Air
analysis 558
conditioning 53-953-963
rel. to resp. dis. 388
sampler 661
sampling 52-734
bacterial 835
sterilization 598

Alcohol, polyvinyl
72-512

Aluminum
in silicosis 188-189

Ammonia
466-467

Amyl nitrite
830

Anemia
139

Annua 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 732

Arthritis, chronic
592

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
533

003634

Health hazards 477

Benzene
100

Benzene compounds, carcinogenic
1005

Bickers' eczema
1006

Basophilic aggregation test
136

Basophilic stippling
408

Benzene
and vitamin C 783
general 221-222-287-268-513-868-
1007-1009-1012-1013
in plastics industry 289
pathology 507
poisoning 69-162-164-391-393-397
regulations for 508
toxicology 390

Benzidene
200

Benzine
154

Beryllium
146-399

Bleaching compounds
529

Blindness, night
93

Blood, spectra
457

Book notices
104-183-124-185-343-344-
412-429-626-627-628-629-
630-631-791-792-793-794

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 273-456-459-468
poisoning 61-65-978-986
treatment 658-674

Carbon tetrachloride
183-400-011-869

Cataract
99

Chloroacetic acid
390

Chlorine
479-663

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

Cresote
709

Cutting compounds
672

Cyanide
313-130-593

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

Dorris root
77

Detonator manufacture
hazards 134

Diffraction, x-ray
472

Dinitrophenol
70

Disability, evaluation
577

Diseases

compressed air 975
 industrial
 compensable 302-347-956
 diagnosis 480
 general 111-112-127-359
 legal aspects 725
 legislation 7-37-235-238-819
 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
573

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-
 558-749-943-962-968-970-971
 ore crushing 369
 cotton 573
 counting 120-987-990
 determination
 general 250-251-439
 methods 246-247

Dust (cont'd)

explosion 51-555
 grain 188-673
 thermal repulsion 252-253

Education
206

Electroplating, ventilation
312

Ethylene dichloride
833

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

Fluorocarbons
236

Fluorine
determination 733

Fluorocopy
213

Fluorosis
235

Foot and mouth disease
82

Formaldehyde
394

Foundry,
safe practice 375

Fur industry
376

Gases
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

Hydrogen sulfide

460-500-566-632-729
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 25-36-37-370-485-634-
642-646-648
history 813
lectures 909-914
mental 29-34
methods 945-988-989
naval 478
propaganda 906-916-984
reports 904-905-908-910-917
state 26
survey report 637
trends 911

Illumination, industrial

193-503-504-669-750-861

Insecticides

142

Insurance

workmen's compensation 362

Ionization, in mines

296

Isophorone

161

Isovaleraldehyde

146

Jurisprudence, medical

462

Ketones

234

Lauryl-diethylene-triamine

160

Lead

arsenate 140
battery industry 57-777

Lead (cont'd)

battery plant survey 636
calculus 497
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

Mercury

determination 60
 dropping electrode 982
 experimental 506-508
 felt hat industry 303-607
 general 307-522-523
 hazard
 in laboratories 693-694
 methyl poisoning 147

Metabolism

carbohydrate 86
 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

Myeloid metaplasia

514

Naphthalene

684

Naphtha oil

317

Nitrobenzene

224

Nitrogen oxides

203-402

N, N-amy1-Benzyl-Cyclohexylamine

150

Noise

150-262
 excessive
 ear effects 753
 prevention 748

Nurse, industrial

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

Nutrition

486-858

Nystagmus

551
 miner'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

Index - 8.

Pneumoconiosis

371
coal miners 542
iron 824

Precipitator, electrical

267

Pressure, abnormal

85-95-96-753-757-839

Psychoses, traumatic

364

Quartz

985

Radiation

882

Radium

999

Records, accident

45

Registration, physicians

347

Rehabilitation

492-531

Reports

dust survey 713-718
foreign (Gr. Britain) 484
industrial health 544-548
state (New York) 487

Respiration

48

artificial 450-451-453-543

Respirators

442-443-444-445-446-443-575-974
air filter 117
approved 386-726
general 113
regulations 449
for formaldehyde 784
optical fitting 854
testing 447

Respiratory tract

physiology 299

Röntgenology, medicolegal

473

Rotogravure

365

Rubber industry

735

Safety instruction

647

Sanitation, industrial

493

Selenium

779-1023

Shock, electric

452-454-455-549
treatment 110

Signs

fluorescent health hazards 131

Silica

effect on tubercle bacillus 115
particle size 387
pharmacology 354

Silicic acid

828

Silicosis

949
abrasive powder 433
acute 944
aluminum, use of 941
and tuberculosis 829
diagnosis 357
experimental 256
foundries 432-435-576
from porphyry 254-560
incidence in foundries 947
in iron ore workers 8
in paint plants 670
intrathoracic 825
mineralogy 707-708-710
pathology 11-258
prevention 9-706-940
production 950
report 255-714-719
soft coal miners 504
statistics 264
x-rays 720

003641

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 193
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

...ing

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
156-528-761

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 486

Tunnels

915

Turpentine

144

Ulcers, gastric

114

Venereal diseases

in industry 665-667

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

Weil'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