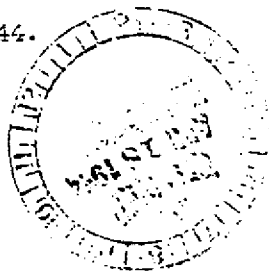


March, 1944.



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



INDEX

INDUSTRIAL HYGIENE DIGEST

1943

Absenteeism		Air analysis (cont'd)	
401-402-403-499-537-538-539		sampling	604
805-806-807-808-809-960		smoke and dust	73
and mortality		solvent vapors	458
Portland Cement industry	307	tetra	598
and psychiatry	796		
auditing	60	Air-borne infection	576
control	536	Air emboli	893
dental aspects	209		
fatigue and malnutrition	224	Air flow	
Great Britain	123	characteristics	
illness	225-238	round openings	73
non-industrial accidents	124	narrow exhaust slots	79
shipyards	306		
sickness	1087	Air pollution	
war production	305	respiratory infection	532
women	210-211-1088		
		Air raid shelters	
Acrylonitrile		heat and ventilation	716
toxicity inhalation	35		
		Air pressure	
Aerosol O-T		effect on hearing	701
chronic toxicity	553		
		Allergy	
Air analysis		chemical	563
bacteria	76		
benzene and toluene	706	Aluminum dust	
cadmium	844	pulmonary irritation	
carbon monoxide	777	269-270-271-272	
dust counting	912		
formaldehyde	913	Aluminum powder	
fumigants	467	safe handling	1031
halogenated hydrocarbons	599		
hydrogen sulfide	844	Ammonia poisoning	441
lead fumes	601		
mercury vapor	1024	Ammoniacal silver solutions	
mustard gas	914	explosive hazard	1010
organic halide gas	708		
oxides of nitrogen	602-780-1139		
phosphine	781		

004242

Analysis		Atmospheric pollution	
aliphatic nitrates	465	in Dublin	702
arsenic	600	stack height	189
in biological material	704		
cellosolve	915	Aviation	
glucuronates	916	effect on hearing	71
hydrocarbons in blood	779	medicine	612
lead by polarograph	481	occupational hazards	243
lead in bones	289	physiology	953
lead in urine	183-918	use of oxygen	611
lead-dithizone	290		
methods	1138	Bagassosis	248
silica by x-ray	74		
tellurium	378	B Anthracis	
toluene	707	in bone meal	416
trinitrotoluene	486		
vanadium	292	Benzene (Benzol)	
zinc	291	and resistance to infection	850-851
		determination	705-707
Anemia		fatality	1014
floor wax and flyspray	1099	leucotoxic action	34
toxic	475	nerve action of	1013
		poisoning	255-683-1121-1123-1124
Aniline			
acute intoxication	257	Benzine poisoning	1116
Anthracosis-silicosis		Benzopyrene	
bituminous miners	136	effect on skin	695
Anthrax	662	Benzoyl-N-Ethylpiperidine	
a warning	848	toxicity	858
case review	283		
		Beryllium	1108
Arsenic		respiratory hazards	666
agricultural workers	1006	toxicity	413
compounds			
toxicity	155	Black dermographism	461
poisoning			
liver cirrhosis	417	Book reviews and notices	
toxicology	865	12-13-14-15-16-343-408-526-527-529	
		529-530-531-532-660-661-748-749-750-	
Artificial respiration	69	751-834-835-836-837-1069-1070-1071-	
Eve's method	938	1072-1073-1074-1075-1076	
Asbestos		Brick manufacturing	
electron microscopy	480	health hazards	665
industry			
wartime problems	717	Bromobenzene (mono)	
		and vitamin A	962
Ascorbic acid			
and lead absorption	428	Bronchitis	
		from wood dust	842
Asthma			
from gum acacia	770		

Index - 3

Burns	613-726	Carbon monoxide (cont'd)	
alkali	1043	home hazards	678
chemical	1156	measurement	1137
Cocoanut Grove reports	1040	optic effects	442
industrial		poisoning	679-1104
treatment	205	in iron working	359
magnesium	756	metabolism	680
occupational therapy	921	treatment oxygen	200
pathology of	930	x-ray therapy	314
phosphorus	729-730		
treatment	107-937	Carbon tetrachloride	1119
protection against shock	1151	allowable concentrations	760
treatment 106-727-728-873-927-928-		health hazards	451
929-931-932-933-935-1038-1041-		nephritis	535
1042-1044		prevention of liver damage	542
experimental	934	toxicity	146-856
molten magnesium	104		
sulfathiazole	204	Carcinogenic activity	
tannic acid	47	survey of compounds	467
Butadiene		Cataract	
explosive mixtures	782	industrial	985
Byssinosis		Cellosolve compounds	1117
case review	752		
		China painting	
		hazards	955
Cadmium		Chlorinated hydrocarbons	1131
dithizone determination	377		
poisoning	544-1109	Chlorinated naphthalene	
toxicology	43	poisoning	554-555-685
Cancer		Chlorophenols	
and toxic gases	537	toxicity	857
etiology	969		
from hydrocarbons	372	Chromates	
from metals	970	safe limits	550
from o-amino-azotoluene	370		
from tars	368-369	Chromium	
lung	371	poisoning	
radiation	159	from electric welding	359
therapy	315		
Carbon arc gases	1079	Citric acid	
		occupational exposure	165
Carbon disulfide	540	Cobalt	
Great Britain	853	physiological effects from	1001
in blood	911		
poisoning	450-682	Colds	804
		vitamin therapy	121
Carbon monoxide	33	Color blindness	
anoxemia	443	industrial significance	223-986
camp stoves	444		
combustion gases	386	Communal feeding	813
compressed air	55		
encephalitis			
treatment of	309		

004244

Index - 4

Compensation laws	1091	Dermatitis (cont'd)	
Indiana	1157	treatment	205
Conjunctivitis		varnish factory	569
in welders	956	vitamin C	51
Cotton		war industries	167-163
infection from	72	Dichlorodiethyl sulfide	693
Cyclohexane	1118	Diethyl mercury	
and derivatives		poisoning	866
physiological effect	759	Dinitrobenzene (Meta)	
Cyclotron workers		methemoglobin	1015
blood findings	473	toxicity	1016
Daylight work		Dinitrotoluene	
advantages	66	toxicology	148
Dermatitis		Disease	
52-170-274-277-457-692-696-975-1098		and weather	512
airplane industry	455-381	functional	501
allergic	977	industrial	
A.M.A. report	882	and insurance carrier	820
and adhesive tape	769	Disinfection	93
and syphilis	316	aerosols	579-581
Bhilawanol oil	974	air	1144
canners	1093	by hot air	715
case reviews	688	droplet and mist	498
chloro-waxes	275-366-971	glycol vapors	298
coal tar or pine tar	972	hypochlorites	578
compensation	883	mists and smokes	197
cutting oils	48-276-367-456-694	ozone and radiation	493
diagnosis and treatment	565	propylene glycol	577
fabric chemicals	566	radiation	195
fats and oils	49-978	triethylene glycol vapor	281
flour and grain	172	ultraviolet light	580-1143
from resins	689-884-1134	use of ozone	196
from underclothing	979	vacuum and germicides	497
inorganic selenium	973	Drinking water	766
in shipyard workers	365	industrial	767
lime dust	279	Drum cleaning	
metol	171	safe practice	193
petroleum	1095	Duct systems	
pre-employment examination	53	side outlets	188
prevention 54-495-564-697-699-1096		Dural poisoning	691
and treatment	768	Dust	
rubber mask	453	atmospheric	
"Scrub"	685	determination	711
statistics, 1942	278	ceramic industry	552
synthetic rubber	1062		
tanneries	169		
testing	1097		

004245

Dust (cont'd)					
control	41-190		Exhaust gases		
coal mines			motor		
81-82-83-84-293-714-919-1145			effects of	997	
disposal of dust	191		Exhaust hoods		
exhaust hood design	491		design	1034	
foundries	841		Explosion hazards		
fur hat industry	44		control	91	
grinding	667		Explosives		
new type filters	295		industry		
reasons for	87		hazard control	950	
water sprays	1035		health protection	951	
wetting agents	294		safe handling	67	
cotton	1083		toxicity	763	
counting	75				
a new instrument	1026		Eye diseases		
efficiency	606		chemical	852	
in gases	603		infections	465	
konimeter	605		nitrobenzene	361	
measurements					
correlations	185		Eye injuries	571-572-573-1159	
Ear disability			industrial	876-1089	
prevention	575		Eye protection	199	
Elderly persons			Fatigue	622-774-993-994	
employment	396		factors in	895	
Electrical hazards	284		in industry	394	
Electrostatic precipitator	1142		mental		
portable	484		in industry	400	
Engines			mining	478	
diesel	1078		physiology	995	
safe use in tunnels	86		psychological factors	996	
underground	31		Ferrous alloys		
Epilepsy			industrial hygiene	438	
employment	303		Fertilizer workers		
Ether			a new health hazard	954	
effects on anesthetist	1161		Fiberglas		
Ethylene glycol			health aspects	419-891	
toxicology	860		skin effects	143	
Ethylene glycol diacetate			Fire		
toxicology	860		hazards		
Examinations			1942 record	776	
physical	100-101-502		mining	1084	
observations	1149		smoke and gases	151	
pre-placement	621-783		prevention	46	
pre-employment	390-394		First Aid	810	

Index - 6

Fluorescent light and asthma	983	Health	
Fluorides		fixed pace work effects	500
absorption and excretion	439	hazards	
poisoning	357	occupational	
flue gases	260-261	classification	13
Formaldehyde	880	industrial	
Foundries		and the war	507
non-ferrous		and government	818
fume concentrations	249	control	627
safe practices	94	education	394-803
Fur industry		labor's attitude	397
health hazards	166	organization	724
Furunculosis		problems	940
in miners		requirements	
treatment	201	U.S. Navy contracts	595
Gallium		solaria	122
toxicity	158	war and postwar	718
Gas masks	920	war plants	633
arsine	1029	war problems	206
classification	194	workers	801
collective filters	1030	Health and safety	959
testing procedures	1028	Hearing defects	1160
Gas poisoning		Heart disease	
treatment	32	industrial	108-176
Gasoline		placement in industry	924
toxicity	758	Heat	
Glass painting		and moisture	479
hazards	955	cramps	
Glass wool		first aid	811
health aspects	419-892	effective temperature	229
skin hazards	143-567	effect on workers	771
Glycols		elimination from body	871
toxicity	452-1012	prostration	
Handicapped workers		and vitamin C	388
employment	102-300-399-625-636	sickness	800
in government employ	301	tolerance	
utilization of	1037	improvement in	286
Hay fever		tropical	477
vitamin C	120	Hemoglobin	
		absorption spectra	917
		Hernia	230
		Hours of labor	596
		health aspects	894
		health and efficiency	212
		shift rotation	208
		Housekeeping	490
		industrial	90-725

004247

Hydrocarbons			Industrial medicine (cont'd)	
chlorinated	147-761-855-1131		first aid	508
heart effects	1017		manpower shortage	631
toxicity	533-854		preventive	394
Hydrogen cyanide			postgraduate training	623
skin absorption	445-781		private practitioner	503
Hydrogen sulfide			public relations	620
effect on heart	356		small industries	632
Hysteria			war effort	115
occupational exposure	228		Industrial poisons	
Illness			review	562
control programs	1085		Industrial workers	
Indium			immunization	386
physiologic properties	40-753-1110		Infections	
Industrial dentistry	618		treatment	
Industrial hospitals	735		sulfallantoin	202
Industrial hygiene	92-389		Insecticides	
and public health	331		organic thiocyanates	
bacteriology in	184		toxicity	254
chemical industry	846		Kata thermometer	85
control of health hazards	1020		Keratoconjunctivitis	
education			462-463-464-568-617-700-874-875	
undergraduates	629		epidemiology	1100
Great Britain	178		treatment of	984
in Army	384		Kerosene	
in Indiana	389		kidney damage	862
in Navy	380-381		Lead	
Massachusetts	901		absorption	
Mexico	900		and blood calcium	755
Public Health Service Publications			and bronchiogenic carcinoma	867
174			arsenate	
recent developments	385		poisoning	265-754
report	68		azide	
Connecticut - 1941	328		toxicity	672
Great Britain	593-594		deposition in bone	1003
service	383		excretion	
state agencies	217		sodium citrate	547
U.S. Public Health Service	382		exposures	
war industries	59		measurement by	
Industrial medicine	330-630-923		air analysis	375
and compensation	819		blood and excreta analysis	
and public health	721		376	
California	218		fumes	1112
clinical laboratory	620		hazard	
dispensaries	620		in ship repair	868
effect of war	119		in drinking water	164

Index - 8

Lead (cont'd)		Medical service	719-722-1036-1147
poisoning		industrial	508
absorption and excretion	360	County survey (Penna.)	720
battery cases	266	large plants	118-215-311
blood changes	674-675	plans	14-767
blood pressure	268	results \	214
clinical syndrome	363	small industries	216-312
experimental	267	war industry	15-902-922
in battery workers	362-620		
lead in blood	361	Mental hygiene	227-628
oxyacetylene cutting	545	industrial	226
scrap recovery	424		
scurvy	869	Mercury	
stippled cells	358	handwriting test	431
vitamin C	546	poisoning	162
relation to coronary disease	1113	safe limits	550
tetraethyl			
absorption	42	Metallic poisons	156-264
in gasoline	425-426		
toxicity of alloys	422-423	Methanol	
		chronic poisoning	453
Leaks in process vessels			
new detection method	1027	Methyl bromide	
		fumigant	282
Lighting	574	poisoning	541
standards	198	toxicity	36-150
Magnesium	1111	Metol	
casting		toxicity	556
air contamination	39		
fires		Mining industry	
extinguishing	374-536	inspection progress	296
foundry health hazards	160	vision requirements	877
grinding regulations	549		
health aspects	427	Minors	
lung effect	429	and exposure to chlorinated solvents	
safe handling	45	905	
		construction industry	597
Manganese	676-677	in industry	513-906
intoxication	430	welding	904
poisoning	1004	susceptibility to occupational	
toxicity	161	diseases	903
Manhole accident		Morbidity	
two fatalities	1018	disabling	
		industrial workers	58
Manpower		statistics	775
conservation	65		
crisis	16	Mortality	
		second quarter, 1942	310
Medical practice (Great Britain)			
proposed reorganization	784	Mouth infections	1101

004249

Index - 9.

Munitions industry		Occupational disease (cont'd)	
gas exposures	349	Maryland commission	329
health hazards	252	notification (Great Britain)	592
Nation's health		prevention	802
in wartime	116	responsibility for	181
		trends	703
Nitrogen oxides		Oil mist	
determination	1136	removal from air	713
lung injury	999	Ophthalmology	
poisoning	446	industrial	221-222
case history	1000	Oxygen deficiency	681
in acetylene burners	998		
treatment	299-314	Palladium	
Nitroglycerin		physiological properties	757
toxicity	144	Para-dichlorobenzene	1132
vapor exposure	253	Paranitroaniline	
Nitroparaffins		poisoning	557
metabolism	256	Paraphenylenediamine	
Noise	70	toxicity	358
acoustic trauma	879	Pentachlorophenol	
Non-ferrous metals		acute and chronic effects	560
health problems	263	physiological effects	559
Nursing, industrial		Personnel problems	
125-369-634-635-321-909-910		health aspects	61
and tuberculosis	213	Phosgene poisoning	
first aid outline	1148	experimental	1002
shipyards	1146	Phosphorus	
Nutrition 109-110-112-515-620-636-638		compounds	
641-907-908-939-964-1156		toxicity	154
and physical performance	963	detoxification	670
and psychology	327	eye injury	163
and production	113-326	skin irritation	432
education	812	Photomicrographs	
industrial 219-324-325-389-391-392		hand camera	77
393-637-814		Physically handicapped	
vitamins	965-966-967	employment of	304
wartime worker	111-220	Pickling metals	
Occupational disease	673	acid fumes on teeth	251
annual report (Indiana)	56	Pitot tubes	
Baltimore regulations	1090	characteristics	187
control	114		
chemical industry	848		
hazards			
control	889		
margins of safety	872		
industrial	177		
in wartime	353-354		

004250

Plant sanitation			Rehabilitation		
recommendations (Indiana)	175		624-789-790-791-793-1046-1134		
Plumbing trades			in Connecticut	792	
health hazards	1077		physical therapy	925	
Pneumatic conveying			Reports		
theory and practice	297		U.S. Bureau of Mines	1086	
Pneumoconiosis			Respirators		
aluminum	414-415		Bureau of Mines approval list	489	
baggasosis	26		Respiratory infections		
in miners	138		control	387	
iron dust	420-421		Respiratory protection	610	
lignite dust	27		Respiratory system		
mica and pegmatite	137		diseases	563	
porphyry	435		Resuscitation	287-1045-1152-1153	
prevention	839		Safety, industrial		
soft coal miners	838		coal mines	140-141	
Poisons			personal factor	142	
various	698		Safety organization	817	
Poisons and toxicology			Safety training	815	
elective effect	38		Sanitation		
Polyethylene glycols			industrial	103-389-764-816-958	
pharmacology	37		Selenium poisoning		
Printing industry			prevention by arsenic	1105	
hazards	669		Sewage treatment		
Propylene glycol			health hazards	496	
dispenser	379		Shipbuilding		
Psychiatry, industrial	117		accident statistics	952	
Public health			Shock	798-799	
and industry	723		diagnosis and treatment	510	
Pulmonary irritants	440		from burns		
Pyridine			chemotherapy	731	
toxicity	859		in war	732	
Radiation			therapy	616-1155	
effects on health	863		Silica, free		
health standards	867		determination	483	
Radioactive substances			Silicosis		
luminous paints	273		aluminum therapy	340	
Radium	1114		and tuberculosis	1022	
poisoning	1007		coal miners	25	
and prevention	1115		chert miners	244	
protection from	1008-1009		Elbe sandstone workers	1135	
storage	192				

Silicosis (cont'd)			Sulfur dioxide	
etiology	245		determination	709
Idaho mines	551		effect on vegetation	1106
in a wood worker	1021		hazards	539
in Sweden	1133		in flue gases	447
intrathoracic lymph nodes	456		injuries	533
lung function	434		method for vegetation	
lung residue analysis	482		effects study	1107
medical report	28		pneumonia	448
medicolegal	1092		refrigerant hazard	250
occurrence and control	29			
Silesian potters	433		Synthetic rubber industry	
			health hazards	765-847
Silver, metallic			Syphilis	511
toxicity	364			
Silver and gold			Talc mining	
skin studies	976		hazards	664
Skin			Tars	
entry of poisons through	980		in atmospheric dust	
			cancer from	368-369
Skin burns			Tecth	
experimental technique	1039		occupational effects on	57
Skin cleansers	459-460-1094			
Solvents			Tellurium	
adhesive tape removal	1162		determination	378
hazards	687-762			
occupational disease reports	1122		Temperatures	
sensory response	1019		environmental	476
			and performance	1102
			and physiological fitness	992
			excessive	990-991-1103
Sporotrichosis	584			
Spray painting	88		Tetra-chloro-para-benzoquinone	
health hazards	671		toxicity	474
Steel industry			Tetrachlorethane	1120
ventilation equipment	1141			
			Tetryl	
Stereopsis, faulty			hazards	355
incidence of	132		poisoning	1126-1127
Styrene			Thiourea	
determination	1140		toxicity	561
monomeric				
toxicity	145		Tin	
			toxicology	1011
Sulfamic acid				
toxicity	362		Toluene (toluol)	
			determination	707
Sulfur			paint industry	543-863
physiological effects	437		toxicity	1124-1125

Index - 12

Toxicology	258	Veneral diseases	
and war effort	179	control	317-318
dust, fumes and gases	949	employment policy	302
public health aspects	157	in industry	389
		routine blood examination	897-899
Toxic solvents		Ventilation	
control	30	a review	609
Treatment of casualties	319	A.P.H.A. report	843
Trichlorethylene		disk fans	608
degreasers	259-664	examples of	1032
inflammability	373	industrial	607
		mines	139
Trinitrotoluene		on the Witwatersrand	80
diet and poisoning	454	shipbuilding	186-492-494
industrial data sheet	1129	solvent exposures	712
pathology		solvents in tanks	1033
experimental	1128		
poisoning	668-778-1130	Vision	
removal from skin	690	color deficiency in females	878
		lewisite burns	936
Tripoli and silicosis	663	night blindness	288-987
Tuberculosis	505-506	Vital statistics	
and aromatic hydrocarbons	149	oil industry	308
case finding	504-615		
compensation	207	Vitamins	12-968
experimental		B complex deficiency	517-639
and silica	246	survey	516-640
gastric acidity	535	vitaminization	394
genitourinary tract	396		
in industry	389-796-797	Vitamin C	
industrial		therapy	50
incidence	982		
occupational	173	Volatile solvents	
war industry	180	vapor exposure	153
Tumors		War gases	686-710-786
lung	864	aerosol filters	534
		ocular effects	449
Turpentine		treatment of casualties	105
skin effects	570		
		Weil's disease	285-988-989-1163
Urinalysis		immune serum	466
glucuronic acid	1035		
trinitrotoluene	1023	Welding	
		erythema	250
Urology		eye effects	471-1080
industrial	1158	fatality	469
		health aspects	670-957
Vascular disease	313	health hazard	470-848

004253

Index - 13

Welding (cont'd)		X-ray	
lung effects	472	protection from	783-1005
protection of workers	890	X-ray technique	95-97-98
photophthalmia treatment	926	Trudeau report	96
respiratory hazards	1081		
Women in industry 62-63-320-321-322- 323-395-614-619-620-772-773		Youth	
abrasives hazard	247	employment of	794
fatalities	590	Zinc	
health problems	64	smelting hazards	152
protective clothing	89		
Workmen's compensation	398-591		

004254