

PLAINTIFF'S
EXHIBIT

NSC-362

ACTIVE INDEX

to the

THE NATIONAL SAFETY COUNCIL

for the years
1912-1918.

12 Vol. 4, 1915
13 Vol. 5, 1916
14 Vol. 6, 1917
Vol. 7, 1918

ling operations by the use of water drills".....7:1034-1042
and efficiency".....6:975-980
ards for" (Tolsted).....4:602-609
.....6:211
.....6:200-201
the importance of standard walks, plat-
s." (Medina).....4:148-152
able.....3:22-23
cation of causes of accidents.....
ican merchant marine" (Hoffman).....6:602-610
ckmen" (Holland).....7:900-904
mines" (Hall).....4:244-252
dry and machine shop" (McKee).....1:227-235
commercial department of a large gas com-
.....5:1411-1418
electrical field" (Pearce).....6:523-530
aundry industry" (Trimble).....1:261-265
shipbuilding program" (Lockney).....7:543-547
erns the general public" (Hoffman).....5:780-786
forms.
.....4:106-112; 5:304-305, 1420-1424; 6:422
in money value.....6:610
experience" (Chaney).....6:1153-1164
g6:430-437
.....3:147-148
chaney's method.....6:1184-1185
6:542

CUMULATIVE INDEX

CS:	PAGES
.....	5:510, 782, 784
f F. L. Hoffman.....	5:507-517, 780-786
ules	6:1186-1188
by disease compared with fatal casualties in the forces in the war.....	6:317
L. W. Hatch.....	6:1176-1181
he U. S. for 1916.....	5:508-512, 780; 6:67-68
ital analyses	6:1156-1157
rd of a member company.....	6:727
l severity rates.....	6:1157-1164
sion	6:1181-1192
.....	7:672
New York, Ohio and Pennsylvania figures.....	6:68
ard in the textile industry.....	6:481
putation	5:323-324
ary used by American rolling mill company.....	7:93-94
r statistics	6:603
ethod of reporting.....	6:609
hicago experience compared.....	3:163
ected by organized safety work.....	6:74-75; 7:92
een time lost on account of accidents and injuries and on of railroads" (Anderson).....	6:968-975
ount of exposure to accidents themselves.....	6:1155-1156
nittee on (Meeker).....	3:22-25; 4:45-55; 5:33-39
nittee on uniform industrial (Hoffman).....	7:30-37
industrial accident statistics" (Meeker).....	5:772-780
statistics" (Gilkerson).....	6:430-437
ence of twenty-three companies (Kennedy).....	6:1164-1176
ppeared in "Life".....	2:7
.....	3:246-249; 5:1464-1466, 1486-1490
c subjects, subhead Accident statistics.	
able to the carelessness of employees and how best to (Boyd).....	1:134-146
ye and how to prevent them" (Cameron).....	1:298-300
electric cap lamps from a safety standpoint"	
.....	7:1094-1102
possibilities of accident prevention in American in- fman).....	5:506-517
.....	6:866-869
gers from strong and mixed" (Griswold).....	6:848-853
safety field, Educational" (Morgan).....	6:109-117
structing new motormen in their duties".....	5:305-313
y and intensive training".....	7:733-736
l Bartholomew, Harland, "City planning as related "	
.....	7:355-364

CUMULATIVE INDEX

1165

	PAGES
possible electric lamps in non-gaseous mines"	6:1440-1454
	7:92-93, 505-506
	7:147-148
(section round table meeting)	7:972-1010
es	7:978-979
s for" (Eales)	4:609-613
	6:918-927, 930-932
	6:810, 811-812
urigan	5:1304-1310
	5:675-676, 1365-1370
ty's sake	3:209-222
ise of drinks	3:221, 267
man	4:753-754
orking hours	3:158-160
sanitation"	5:1310-1314
redtman's paper	3:282-285
ustrial safety"	1:204-211
luets	7:639-641
	1:241-276
mittee work in paper mills"	5:1341-1348
fine and parresine at Pittsfield works"	6:695-712
	6:707
	6:712
	6:312
sociation co-operates with N. S. C.	5:188-190
alysis of accidents	5:1442, 1444
ciation	4:265
	2:16-21
ate of New York	2:6
ssociation annual meeting, N. S. C. section	
ction with	6:415-416
er—what he should do for his own Safety"	5:1104-1109
ion committee report on uniform danger	5:194-196
see Red Cross.	
pany's methods of arousing interest in safety	6:134-135
	6:424-425

CUMULATIVE INDEX

PAGES

J. S. Rockwell's paper.....	5:1148-1152
een time lost on account of accidents and injuries and tion of railroads".....	6:968-975
Occupational diseases".....	2:91-94
l products, Care of workmen employed in the manu-	5:1511-1518
.....	4:618-621
members, see Business session.	
g crusade".....	5:1120, 1140
erlocking guards on textile machinery" (Cole).....	6:466-472
e National electrical safety code to electric railway nd operation" (Canada).....	5:267-280
ing the" (Miles).....	1:211-218
; industries keeping pace with progressive safety n).....	6:1138-1140
workman against Health supervision.....	4:426
'inishing".....	6:937-940
.....	6:1203
"Safety devices on mine hoists".....	1:104-107
th ambrine and parresine at Pittsfield works".....	6:695-712
relation to danger signs".....	5:157-168
on in industry".....	7:817-820
are work in foundries".....	6:728-737
is and burns".....	5:1271-1293
and steel electrical engineers.....	1:315; 2:5, 189
ilway commissioners report on uniform danger	5:194-196
management of railroad companies toward safety	5:1177-1187
blic toward the railroad company influenced by safety	5:205-213
olice and fire".....	5:586-595
, see Drivers, Automobile.	
tics.....	5:227-230; 6:634-639
Detroit.....	5:238-239
nd.....	5:225-243, 290-292; 6:675-682
; accidents" (Rose).....	4:482-487
posters.....	6:1003-1004
(Little).....	7:393-399
of hazards" (Scott).....	6:631-647
idents between electric cars and automobiles"	5:607-622

CUMULATIVE INDEX

1167

PAGES

.....6:756-757
6:755-828; 7:471-500
 report6:793; 7:497
 e report7:472-473

under the Illinois workmen's compensation
 ty act"1:265-276
 ston's paper.....5:1202-1206

what he can do for industrial better-
1:300-302
 ations".....5:480-484

uction".....6:1362-1365
5:1004-1010
 e injured and its bearing on accident pre-
7:678-686
 . H. Boyd's paper.....1:149-153
 R. Hook's paper.....5:569-570
 in quarry and mill".....5:334-345
 e efficiency of bulletin service".....7:576-579
 d hazards".....7:775-778
6:307

injury to track and bridgemen and the best
 se causes".....5:1187-1190
 od for reaching non-English speaking em-
 of safety work?".....4:515-519
 0; 3:297-328; 4:375-405; 6:167-191; 7:187-201

in a saw mill".....5:424-429
 accident prevention campaign".....1:258-261
 and planers".....4:709-713
 the use of pneumatic tools on the nervous
7:1029-1033
 dams, Thomas, "City planning as related to
7:355-364
 medical services and other benefits".....
7:208-210
 d transfer tables".....6:932-935
 rvation in munitions and chemical plants in
6:888-891

CUMULATIVE INDEX

nan, Steam railroad section meeting.....	6:941-1077
hairman (Steam railroad section).....	6:941-943
eam railroad section meeting.....	7:839-1008
C. H. Boltzell's paper.....	6:1047-1049
W. C. Wilson's paper.....	5:1231-1236
Cranes—Gongs.	
eam railroad section round table meeting.....	7:981-1002
nce work of the Interstate Commerce Commission....	
.....	1:186-187
. S. Railroad Administration expects of the different ganizations in the promotion of safety work"....	7:860-869
Federal government for the prevention of railway acci- dents and its results" (McChord).....	1:18-35
anufacture of worsted yarns.....	6:473-474
in safeguards for.....	4:601
in cement industry.....	4:157-165
.....	6:528-529
orging and forming".....	6:906-911
ns, see Employees' benefit associations.	
ient prevention in contracting" (Robinson).....	7:547-550
undry section meeting.....	6:685-754
ion in foundries".....	4:690-694
rd practices".....	6:1193-1197
iscussion of C. B. Floyd's paper.....	7:914-917
ne products, Care of workmen employed in the manu-	5:1511-1518
.....	7:645-648
.....	5:562-563, 1515-1516
ons:	
tistics	5:481-482
cidents.....	5:482-483
(Ayers).....	5:480-484
extile section meeting.....	7:581-584
ety standards for new textile machinery".....	4:380-382
1 of the Massachusetts employees' insurance association"	2:98-100
lication of safety devices to textile machinery as seen machine builders' viewpoint".....	6:479-482
mployees' benefit association—how to solve its problems successfully".....	7:204-208
, Toastmaster, Banquet.....	7:187-201
ig	4:171-176

CUMULATIVE INDEX

1169

	PAGES
hold Safety Congress in.....	6:46-47
or the job—an essential of safety”.....	7:559-561
oving pictures in safety work”.....	4:545-549
at Banquet.....	4:655-658
.....	5:467
.....	5:467-475
.....	5:475-477
.....	5:465-479
.....	4:194-196
and finishing, Hazards of” (Hale).....	4:376-380
lation of motor.....	6:807-809
L.....	
id”.....	5:634-640
ional Safety Council has done for us”.....	7:557-558
of miners in First aid”.....	5:1030-1038
ustrial accident commission.....	1:69-71
.....	6:107-108
.....	2:137-140
f accidents due to employees getting on and nes”.....	6:1043-1047
nnet.	
k.....	3:227; 5:97-99
ork, see also Competition in accident pre-	
safety methods and prevention of infections”	
.....	5:533-541
m drilling operations by the use of water	
.....	7:1034-1042
at the mines”.....	5:978-986
.....	5:76-78
ulations for traveling cranes”.....	6:890-897
lsey).....	3:306-312
attributable to the carelessness of employees	
: them”.....	1:134-146
of accidents to trainmen—what can and has	
.....	1:166-178
ion of accidents in railroad shops and round-	
.....	1:153-160
Southern cotton mills”.....	5:307-372
.....	7:914, 917-924
.....	6:1489

367-372

CUMULATIVE INDEX

	PAGES
series, Hazards and safeguards in anthracite" (Glover)	7:1076-1080
tus (illus.)	5:1039-1055
and building material, Safe and proper handling"	6:1020-1025
to protect	5:1187-1197
achine shop layouts and their relation to safety"-----	7:473-480
'Safety precautions in the installation of electrical ap- s"	6:1461-1482
ork of state industrial commissions"	2:94-97
ident causes committee (Steam railroad section)-----	7:847-850
per handling of track, bridge and building material"	6:1020-1025
ussion of J. M. Guild's paper	5:1184-1186
irman, Cement section meeting	5:319-360
ussion of F. G. Bennett's paper	6:1197-1198
'Education in public safety"	2:25-27
anufacturer's relations to state factory inspection de-	1:71-73
: for	6:312
, Address at Banquet	4:648-655
nd fire protection"	2:46-65
ured by systematic fire and panic drills"	1:78-80
ardards for the manufacture and transportation of high "	6:568-579
e Sand buckets.	
Torre:	
airman (Chemical section)	6:1475-1477
emical section meeting	5:1475-1540; 6:829-878
und table session—"The Employees' publication"-----	7:409-422
em in the chemical industry"	5:1499-1501
ncil report	6:379-380
	6:506-507
nes and safety devices	6:479-482
and bridge material, Safe and proper handling of"	6:1020-1025
ion:	
be taken by contractors	7:551-553
machinery and other equipment"	7:550-554
ion, see also Construction.	
of	7:361-362

RELATIVE INDEX

1171

PAGES

.....	6:909-910
.....	7:726-727
.....	4:755-758
.....	5:127-128
.....	6:110-112
.....	7:92-93
.....	6:490,501
.....	6:501
.....	6:96
.....	7:93
.....	7:951-952
ts in safety education" (Clapp).....	5:243-250
n.....	5:117-120
for educational purposes.....	7:804-806
time accidents.....	6:1204
of bulletin service" (Ballou).....	7:576-579
erest in.....	5:101-102
ailway section committee on.....	5:204-205
use of.....	5:116-131
.....	6:111-112
N. S. C. and home-made bulletins.....	5:116-131
3.....	7:971-972
.....	5:124-125, 246-247
ions.....	5:129-131
see Foreign languages—Bulletins.	
blic service companies".....	5:801-809
.....	7:46-47
1 of his work for Electric railway section	
.....	6:684
.....	6:1488, 1492-1493
.....	7:7-8
f war upon women in industry".....	7:439-444
S.....	2:101-107
in mine safety" (Manning).....	4:225-229
aspects of public safety work".....	5:847-859
of paper, "American railroad passenger"	
.....	5:1109-1114
elfare in the iron and steel industry".....	
.....	2:124-127
.....	6:839

CUMULATIVE INDEX

	PAGES
with ambrine and paraffine at Pittsfield works".....	6:695-712
.....	6:863
.....	5:1284-1285
s treated with ambrine.....	6:697
the paraffin treatment of.....	6:702-712
uced by paraffin treatment of.....	6:718
plying the paraffin treatment.....	6:713-715
.....	6:312
.....	6:333
Electricity, see Electricity. Injuries from.	
eguarding the most hazardous machines in woodworking.....	5:429-444
ce oven operations".....	5:554-560
steel mill of today".....	7:814-817
"Hernia".....	5:711-715
Discussion of S. S. Marquis' paper.....	5:674-676
safety work as it applies to the operation of electric.....	6:514-521
l sub-stations".....	6:514-521
ss of Welcome.....	7:53-55
Introductory remarks.....	7:433-434
.....	3:7-72; 4:1-102; 5:1-86; 6:1-52; 7:7-47
ommittee.....	5:1162; 6:499, 669
l, Amendments to.....	5:19-23; 6:18-21
l, see also Constitution of N. S. C.	
s, see Name of section, subhead, By-laws.	
t, Standards of safety for.....	7:985-986
Industrial hospitals and dispensaries".....	5:702-708
Handling and storage of" (Morrison).....	7:1132-1137
tile section meeting.....	4:355-383
ions in the textile industry abroad".....	4:355-368
.. Discussion of John Bailey's paper.....	7:686-693
.. "First aid in the industries. How much?".....	6:296-302
the eye and how to prevent them".....	1:298-300
ger's report.....	7:21-23
ny Council service".....	5:1250-1252
asurer's report.....	3:15-23; 4:19-22; 5:13; 6:8-14; 7:21-26
interesting the employer in safety work".....	5:413-424
an, Public safety section meeting.....	5:797-860
nquet.....	4:641-645
ibership in N. S. C. conferred on.....	6:44-45
ation for public safety.....	

PAGES

.....	2:188-192
.....	3:7-72; 4:101-102
.....	4:5-9
.....	5:14-17
.....	3:7-15; 4:9-18
.....	5:17-25
.....	1:279-291
.....	4:641-671
.....	3:71
of the National electrical safety code to on and operation".....	5:267-280
n of	6:927-930
.....	6:879-940
n committee report on (Electric street	5:198-199
ion data for.....	5:203-204
.....	6:875-877
; Hazards in wool" (Lord).....	6:472-479
Hazards of" (Swallow).....	4:368-373
n the manufacture of aniline and benzol	5:1511-1514
.....	6:492-493
n	6:715
.....	6:255-266
strated	6:699-700
ions" (Lambert).....	6:255-260
g burns	6:696
and their liability to injury: (a) Trans- ig departments; (b) Maintenance of way rtments, especially in regard to foreign	6:991-997
of safety"	7:889-892
rs.	
of" (Cochrane).....	6:1064-1076
on of accidents to employes falling from"	7:913-914
ization of mine" (Scholz).....	6:1486-1491
rdization of mine" (Raymond).....	7:1071-1073
rescue (Parker).....	6:1426-1436
scue apparatus—its value as a safety	5:1015-1020

CUMULATIVE INDEX

	PAGES
its, see Classification of causes of accidents.	
thods of handling	7:640-641
nufacture and use, Hazards of" (Fiesinger).....	6:858-860
tistics	5:323-326
ards in" (Soderquist)	7:506-510
es in quarry and mill" (Baker).....	5:334-345
ods" (Jacobsen)	7:510-514
een accomplished in safety work" (Hill).....	5:321-327
neeting.....	4:147-202; 5:319-360; 7:501-514
pi Valley division report.....	7:183
fety	2:19-20
V., "Prevention and treatment of cases of poisoning by and picric acid".....	6:866-869
.....	5:498, 501-505; 6:888
.....	4:682-683
hain practices" (Elam)	5:1293-1299
practice, Safety in" (Morgan)	4:613-621
s, Inspection of" (Risteen)	4:625-628
ission	5:599-601; 6:904-906
.....	6:904, 905
es.	
'Acetylene and electric cap lamps from a safety stand-	7:1094-1102
anger Emblem committee	6:25-36
mployes' benefit association section meeting.....	7:203-245
health service section meeting.....	6:223-245
is and emblems"	6:25-36
natures of organized Benefit associations".....	5:1452-1463
and assessments"	7:228-233
anger signs problem"	5:145-156
accident experience"	6:1153-1164
rganized safety session	2:74-100
icer, Federal session	1:5-54
safety in iron and steel industry".....	5:455-465
romoted by Federal bureaus".....	2:101-107
and lunchrooms" (Eib).....	6:1302-1308
; in Canada, Manhood conservation in munitions and"	6:836-841
:	
ses and remedies committee report.....	5:1483
report (Bueno)	6:829-831
ending session.....	5:1520-1522; 7:633-634
.....	5:1455-1510; 6:888-898; 7:633-640

ULATIVE INDEX

1175

	PAGES
eport (Kepner).....	6:832-834
.....	5:1479-1481; 6:831-832
eport	5:1482
ussion	7:635-639
handling of hazardous" (Laury).....	6:874-877
.....	
l; 4:81-82; 5:67-68; 6:386-388; 7:164-166	
work among factories.....	3:181-182
.....	
.....	5:216-217, 1374-1375
rk in .	
vounds	6:264-265, 266
.....	6:265, 332
.....	7:750-753
.....	
.....	6:1084-1088, 1103
.....	6:1085-1086, 1087
public safety" (Adams and Bartholo-	
.....	7:355-364
vention in the commercial department of	
.....	5:1411-1418
.....	
sportation department and" (Drown)....	
.....	6:651-654
k in connection with accident preven-	
.....	6:654-663
charts and bulletins help in safety educa-	
.....	5:243-250
erials"	4:686-690
cal installation in mines".....	4:253-255
rt in accident prevention".....	7:882-886
experience with methods of health super-	
.....	4:391-397
results in safety: Education vs. dis-	
.....	7:720-730
idents:	
e report (Steam railroad section).....	7:847-850
arts	5:1442, 1444
.....	5:482-483
electric street cars.....	6:634-635
.....	5:467-475
.....	5:1484-1485
.....	5:895
.....	5:555-556
.....	7:522
.....	
.....	5:282 282. 6:515

CUMULATIVE INDEX

causes of accidents:	PAGES
ulp industry	5:1319
es	5:282, 288
.....	5:1078-1082, 1174-1177
accident statistics committee	5:34-37
causes of accidents among railroad members.....	6:948
s	5:575
inery while in motion" (Leisenring).....	4:374-375
oad track	6:1194
iron company, System of safety inspection of" (Conni-	1:83-97
ertain processes of caustic soda manufacture.....	6:859
rkmen in cement industry	5:346-353
elling coal at cost to employees.....	6:735
.....	4:181-182
.....	5:344-345
ding design	4:183
g	4:181-182
e Mines and mining.	
ts	7:645-648
ping, Safety First in" (Wyllie).....	6:598-602
, "Inspection of cars and engines: (a) Prevention of (b) Prevention of fire loss".....	6:1064-1076
ussion of D. M. Petty's paper.....	5:579-583
y, "Effective co-operation between Governmental	3:100-103
.....	5:1437, 1441, 1443
atistics	5:554-556
.....	5:561
peration of" (Burr).....	5:554-560
W., "Treatment of minor injuries".....	6:302-315
.....	6:1212-1213
Application of interlocking guards on textile machin-	6:466-472
filling engine.....	6:466
ie	6:476-477
rts:	
of special committees of the various Sections, see name on, subhead name of committee.	
ety:	
of	7:105-108
steel company's plan	5:132-134; 6:1296-1299
.....	6:499
nt" (Dittmar)	7:501-506
work made attractive	5:335-336
(General round table session).....	2:144-151
.....	6:499-502

ALATIVE INDEX

1177

PAGES

.....	5:199-202; 6:664-666
.....	5:1426-1428
ilroad section).....	5:1164-1173
be selected and for what length of time	
ville)	5:1158-1164
resting" (Wilson)	5:1226-1243
.....	6:96-97
.....	5:333-334; 6:499-500, 544
the committeemen.....	7:936-955
ent	4:732-747
.....	5:1341-1352, 1354-1358
.....	4:725
ings	7:870-875
id posted.....	6:97, 500, 501
.....	6:86-87
.....	6:117, 137, 693-694
tings of employes and their families....	
.....	6:501-502
gs	7:951
industry	6:1122-1124
.....	4:554-592
fellowship work.....	1:254-258
on" (Tarbell).....	3:119-125
s an industrial asset.....	7:127-131
.....	7:573-576
)	6:437-442
ation methods" (Harmer).....	7:705-711
ion of" (Crownhart).....	1:57-61
tion methods.....	7:683-684
Local Council.....	6:393
aste lint.....	6:474
prevention" (Clark).....	7:882-886
accident prevention.....	7:886-888
id sanitation.....	3:282-285
y education, Report of (Wheaton).....	
.....	5:55-60
.....	7:104-105
st protection".....	4:694-698
ion.....	3:110-145
ork.....	5:51-53
.....	2:27-34
education of an engineer".....	3:110-119
safety".....	5:1025-1030

CUMULATIVE INDEX

	PAGES
humanity and prevention of accidents by traffic sur- ng)	7:738-747
the human eye" (Goodwin).....	7:270-276
U. S. C.: Amendments to.....	3:26-28
sification report blank.....	7:522
statistics	7:523
structural steel work of electrical generating sta-	5:1389-1393
izations and campaigns.....	7:517-528
ion:	
meeting	7:515-554
.....	7:515
ers'	6:1351-1352
efits of accident prevention in" (Robinson).....	7:547-550
e" (Greensfelder).....	7:537-539
in 1916.....	4:71-76
in 1917.....	5:63-65
in 1918.....	6:43-44, 46-47
s for moving cars.....	6:799-801
uarding	4:189-192
ussion of S. M. Braden's paper.....	1:182-186
Williams)	6:793-798
etween employers and employes" (Robertson).....	3:289-293
etween the claim department and the transportation de- Drown)	6:651-654
safety by Government and industries" (Wilson).....	3:79-86
safety work:	
ufacturers and trade associations" (Schwedtman)....	3:276-281
y J. C. Parker.....	3:285-289
y M. W. Alexander.....	3:282-285
y, "Physical condition of workshops where women are	7:434-438
s, see Accidents—Cost.	
safeguards in shops" (Guilbert).....	4:598-602
"Turnover of labor in relation to accidents".....	6:442-453
W., "How to successfully conduct foremen's meet-	7:155-158
statistics	4:361-363
Southern" (Bragdon).....	5:367-372
frame.....	6:469
.....	6:469
.....	6:468-469

ULATIVE INDEX

1179

PAGES

.....	6:811
.....	7:929-934
le to" (Switzer).....	7:925-928
.....	6:1209
.....6:1488-1489, 1492-1494, 1496	
ssary time lost".....	7:341-345
ustry".....	6:267-271
.....	6:1210-1211, 1214
of Dr. Crowder's paper.....	6:328-331
siting nursing in industry".....	6:315-322
.....	6:753-754
.....	6:885-886
.....	6:887-888
s" (Eiam).....	5:1293-1299
.....4:681; 6:886-887, 889-900	
.....	6:144
.....	6:753-754
.....	6:886
.....	4:684-685
.....	6:146
.....	6:145, 150
of electric traveling cranes (Smith)....	
.....	6:737-752
.....	6:144
.....	4:681-683
.....	6:900-901
traveling.....	6:890-897
erhead" (Smith).....	4:629-639
.....	6:146-150, 886-887, 895
as related to" (Meek).....	4:127-131
sures in mines in the Southern Appalachian	
.....	1:107-114
marries".....	4:193-196
on electric street and interurban cars"....	
.....	5:292-305
rial hospitals and dispensaries".....	6:292-296
of compensation to safety".....	1:57-61
Textile section meeting.....	6:455-482
off.	
.....	6:266

CUMULATIVE INDEX

PAGES

roduction of universal danger emblem adopted by	5:155 (a)
report (Chandler)	6:25-36
is and emblems" (Chandler)	6:25-36
etween a sign and an emblem	5:146
for use of danger emblem adopted by N. S. C.	5:155 (b)
bcommittee on danger emblems	5:145-156
gulations for use of N. S. C.	6:35-36
nger emblem adopted by N. S. C.	5:155
in laundries, including extractors and flat work iron-	
son)	4:212-216
ension shocks" (Miller)	4:334-340
ension shocks" (Warren)	4:330-334
mittee, Report of (Patterson)	4:36-43
e Signs.	
Thomas:	
alue of health of industrial employes"	7:72-80
alth work for the industries, large and small"	7:249-257
icer, Iron and steel session	1:279
	1:307-313
afety work in gas companies"	6:498-513
linois system of factory inspection"	1:329-336
lne accidents and their prevention"	5:908-918
ty from the economic viewpoint"	5:1419-1424
ning from nitric and mixed acid"	5:1504-1510
ity of explosives manufacture and handling"	7:616-619
dvantages in use of permissible electric lamps in non-	
es"	6:1440-1454
efficiency factor in increasing production" (Pettibone)	
	7:319-322
	5:694-697, 699
ussion	5:697-702
stries" (Frankel)	5:686-697
ie dental clinic from the standpoint of the industrial	
(Elliott)	7:276-280
uncil report	3:52-54; 4:87-90; 6:401-405; 7:166-167
the safety idea" (McCormick)	4:112-118
posal of waste material in the wood shop"	4:713-716
S. C.:	
s to method of election and men qualified for the office	
	3:40-49
	3:40-48, 4:46-49; 6:40-43
motion of safety work:	
of instruction and	4:725-726

ALPHABETIC INDEX	1181
work:	PAGES
.....	7:803-811
arkson).....	7:720-730
.....	
27-133, 618, 620-621, 623-624, 629-630, 665	
erfence.....	6:127-129
sibility for accidents.....	6:694-695
. Fatalities and" (Lynott).....	4:236-244
and" (Cabot).....	5:702-708
spensaries.	
e wood shop" (Dietz).....	4:713-716
s at cement plants".....	7:501-506
.....	2:101-140
.....	5:668-674
" (Kingsley).....	7:808-811
in determine the success of the safety	
.....	7:99-104
he sanitation and ventilation of textile	
.....	6:456-466
stration).....	1:314
.....	5:545
ctories of our members".....	1:276
.....	
nufacture of airplane wings" (Hamil-	
.....	6:549-558
ds.	6:559-563
.....	6:483-485
ction meeting.....	6:483-531
aper.....	7:673-676
paper.....	3:126-128
.....	4:347-354
.....	4:453-457; 5:1087-1092
.....	6:2-3
ction meeting.....	4:449-592; 5:1073-1267
ction round table meeting.....	7:936-981
eral round table session.....	5:116-131
m of the railroads".....	3:251-256
f accident prevention work".....	6:66-79
uring attendance at safety meetings"	
.....	7:145-149
st in safety: (a) By employing officers;	
.....	7:906-910
is.).....	5:1039-1047
.....	6:478
rawing-off.	
(Guilbert).....	6:913-927

CUMULATIVE INDEX

	PAGES
good supply.....	6:427
lines.....	6:1355-1356
led in a cement plant.....	5:343-344
ile:	
of warning signals.....	5:290
ay company's safety work with.....	5:210, 261-262
of	5:232-234, 239, 833, 836
with.....	5:235
-Safeguarding	6:104
ee Hammers, Drop.	
s for.....	6:1101-1102
.....	6:150-151
o-operation between the claim department and the trans- partment"	6:651-654
tical chart of accidental deaths by.....	6:608
rship in N. S. C.....	6:17, 1017
ew ideas and methods to keep employees interested in "	7:586-591
mours company's campaign for reduction in accidents	6:137-139
in drilling operations by the use of water drills" (Bor-	7:1034-1042
of, in mines.....	6:1352-1353
.....	4:186-188
health in the stone industry" (Hoffman).....	7:1017-1025
combating common hazards in the chemical industry	7:641-645
Coal-dust.	
agent (Steam railroad section round table meeting).....	7:972-1010
y engineer" (Van Schaack).....	6:80-92
ing, printing and finishing, Hazard of" (Hale).....	4:376-380
nd storage of.....	4:193-196; 5:338
in quarries.....	4:199-201
Safeguards for air compressors".....	4:609-613
istory of hoisting ropes" (Sigafos).....	6:1365-1375
afety Council report.....	7:176-177
Local Council report.....	6:376-377
ork Local Council report.....	5:78-80
Welcome.....	5:3-5
boards".....	4:755-758
mployees' benefit association section meeting.....	5:1447-1474
of A. H. Young's paper.....	7:787-790

ALPHABETIC INDEX

1183

	PAGES
Industrial employes" (Darlington).....	7:72-80
ety" (Alexander).....	1:204-211
Day).....	5:1419-1424
.....	3:110-145
.....	5:432-433, 439
.....	5:431-432
neral round table session).....	6:127-140
ication.	
ce committee on safety (Wheaton).....	5:55-60
ty instruction.....	4:58-59
g in technical schools.....	4:597
in the public schools (Wilson).....	7:39-42
2. in universities and technical schools	
.....	7:38-39
nelley).....	2:27-34
" (Mix).....	1:219-223
ownell).....	2:25-27
s.....	5:203-204, 305-313
en and Sub-foremen.	
y" (Connibear).....	5:1025-1030
their prevention" (Sperr).....	5:1020-1025
Superintendents, Education of.	
Management, Education of.	
ompanies.....	5:217-221, 262-265
.....	5:809-811
promote safety in a community can be	
.....	7:731-733
operative accident prevention".....	7:652-660
y's methods.....	5:208-210
service companies" (Bullock).....	5:801-809
.....	1:219-223,
4:515-521, 523-525, 717-760; 5:116-131,	
4, 1211-1225, 1272; 6:85-87, 89, 113-115	
New employes.	
g results in safety" (Clarkson).....	7:720-730
fety field" (Morgan).....	6:109-117
.....	4:55-60
.....	5:49-55
.....	6:38-40; 7:39-42
" (Elam).....	7:803-807

CUMULATIVE INDEX

PAGES

Miss Crandall's paper.....	6:333-334
and its value in industry".....	6:423-430
prevention on insurance rates" (Geisler).....	7:539-543
on women in industry" (Burdick).....	7:439-444
tion between employers and employees" (Robertson)	3:289-293
tion between Governmental agencies" (Cohen).....	3:100-108
on a community" (Tarbell).....	3:119-125
se of pneumatic tools on the nervous system" (Barnes)	7:1029-1033
rk" (Kennedy).....	3:129-134
efficiency—how a new member tackles the problem"	5:257-265
ciency.....	5:104
ty and" (Abbott).....	6:975-980
.....	1:153
rooms and change houses".....	6:1302-1308
main practices".....	5:1293-1299
educational methods".....	7:803-807
Women in explosive plants".....	7:444-446
ng and sub-stations, Safety work as it applies to the	6:514-521
(Burton).....	6:514-521
construction and operation, Application of the National	5:267-280
ty code to" (Canada).....	5:267-280
How the Safety movement is helping the" (Norris)	5:213-221
ection:	
ting.....	5:183-205
nittee report.....	5:204-205
ending session.....	7:717-718
committee report.....	5:184-187; 6:614
etings.....	5:193-204; 6:611-684; 7:717-747
committee report.....	5:250-251; 6:615, 682; 7:719
the American Electric Railway Association.....	5:188-190
on committee report.....	6:614-615
port (Harvey).....	6:611-613
on committee report.....	5:193-204
, How the attitude of the public is influenced by sys-	5:205-213
work of" (Roche).....	5:205-213
Electricity, Injuries from.	
d interurban cars, Safety devices on" (Cress).....	5:292-305
s, see Street cars.	
the in mines, Safety precautions in the installation of"	

	PAGES
"Electrical field, Accident prevention in" (Pearce).....	6:523-530
"Electrical installation in mines, Safety in" (Clark).....	4:253-255
Electricity:	
Accident statistics	5:575
Code for safeguarding electrical equipment.....	6:108
Discussion of D. M. Petty's paper (Coey).....	5:579-583
Discussion of Dr. Laufer's paper (Kirschberg).....	6:1270-1272
Discussion of "Review of hazards" (Petty).....	7:800-801
"Electric hazards" (Petty).....	5:570-578
"Electrical hazards" (Young).....	5:328-334
Fire around electrical apparatus.....	5:331
General discussion of hazards.....	5:583-586
Hazards in the construction of a station.....	5:1395
"Low-voltage hazards" (Laufer).....	6:1250-1270
National electrical safety code.....	5:267-280, 787-790
"Review of hazards" (Strickland).....	7:795-799
"Station safeguarding" with illus. (Penrose).....	5:1383-1410
Use in cement mills.....	5:342-343
Use of gloves when working on electric wire.....	6:1272
Electricity, Injuries from:	
Accidents due to electric currents.....	6:516-518
Burns	6:1267-1268, 1269
Burns and shocks.....	5:570-581, 583-585
Electric shock vs. electric burns.....	6:1253-1254
Resuscitation from electric shock.....	6:323-327
Standard directions for resuscitation from electric shock.....	4:29-36
Treatment of.....	6:313-314, 1265-1269
Elevating truck engine.....	6:153
Elevators:	
Freight	5:1334-1337
"Passenger elevators" (Bolton).....	2:137-140
Safeguarding in cement industry.....	4:189-192
"Eliminating other unnecessary time lost" (Cousins).....	7:341-345
"Eliminating unnecessary time lost by sickness" (Fisk).....	7:339-341
Elliott, Howard, Discussion of Mr. Carrow's paper.....	6:998-1000
Elliott, Dr. R. W., "Value of the dental clinic from the standpoint of the industrial surgeon".....	7:76-280
Emblem, Danger, See Danger emblem.	
"Employer in Safety work, Interesting the" (Campau).....	5:413-424
Employers, Education of, see Management, Education of.	
Employees' benefit association section:	
Joint meeting with Health section.....	5:729-732; 8:201-241
Minutes of meeting.....	5:1447-1474; 6:201-241; 7:203-245
Organization committee report.....	5:729-732
Committee on.....	6:194-195
Effect on labor turnover.....	7:225
"Fees, dues and assessments" (Chandler).....	7:228-233
Fees, dues and assessments (General discussion).....	7:233-237

	PAGES
Employees' benefit association section:	
"Getting and measuring results" (Eaton).....	7:241-244
How shall we select the amount of benefits? (General discussion)	7:211-225
"How to solve its problems and operate successfully" (Bigler)....	7:204-208
"Is supervision of beneficiaries necessary?" (Oswald).....	7:226-228
Method of compiling records.....	7:244-245
"Need for medical services and other benefits" (Bascom).....	7:208-210
Plant experiences	6:428, 820-821
"Side issues which may be included to advantage" (Goldie).....	7:237-239
Employees' magazines, see Magazines, Employees'.	
Employees' meetings, see Meetings of employees.	
"Employees' publications"—Round table discussion.....	7:409-430
"Employees' service department, Scope of" (Geier).....	5:608-618
Employment:	
Central office in a public utilities company.....	7:670-672
Columbus railway, power and light company's method.....	5:254-256
"Department and its relation to general safety problems in paper mills" (Stokes).....	4:318-320
Discussion of problems.....	5:527-531
"Employment" (Young).....	5:518-524
"Employment of new men and their liability to injury . . . especially in regard to foreign labor" (Carrow).....	6:991-997
"Fitness for the job—an essential of safety" (Blackford).....	7:559-561
Ford motor company's method.....	5:671-672
Medical supervision and.....	6:225-227
"Medical supervision, safety and" (Phelps).....	5:679-686
Notice to men seeking.....	6:502
Qualifications of the director.....	6:225
Question of hiring men who have been dismissed by some other railroad because of violations of safety rules.....	5:1261-1263
Railroad's problems in.....	6:998-1000
Relationship between accident prevention, medical supervision and	7:670-673
Safety department and.....	7:792-794, 805
See also Turnover, Labor.	
Enameling ovens:	
"Designed with relation to safety" (Shaw).....	6:760-763
General discussion.....	6:763-765
Engineers, Safety:	
"Does the attitude of the foreman determine the success of" (Worth).....	7:99-104
"Duties of" (Van Schaack).....	6:80-92
Qualifications	3:141
"Real problem of" (Hook).....	7:81-83
"Safety as a part of the education of an engineer" (Connelley)....	3:110-119

Engines:

"Inspection of cars and" (Cochrane).....	6:1064-1076
Inspection of, for fire prevention.....	6:1072-1074
"Prevention of accidents to employes falling from cars and" (Floyd).....	7:913-914
Shop men riding on pilots.....	6:1099-1101
English for foreigners.....	6:237-238; 424-425, 446-447
Eno, W. P.: "Safety problem in the highways of the municipality".....	3:256-264
"Street traffic regulations in relation to public safety".....	5:829-834
"Equipment and organization of mine rescue stations" (Moorshead).....	6:1407-1416
Erie Local council report.....	5:80; 6:401; 7:182
"Essential features of organized Benefit associations" (Chandler).....	5:1452-1463
Evans, Dr. W. A.: Chairman, Industrial hygiene session.....	3:161-195
Discussion of S. S. Marquis' paper.....	5:677-679
"Some of the hygienic measures taken during the construction of the Panama Canal".....	3:161-164
Everett Local Council report.....	6:399-401; 7:183-184
Examination, Physical, see Physical examination.	
Examinations, Red Cross.....	4:446-447
Excavation work.....	5:1387-1389
Executive Committee of N. S. C.....	1:73; 6:168-169; 7:187-189
Executives, see Management.	
Exhibitions, Safety: International exposition of safety and sanitation.....	2:10-14
List of exhibitors.....	5:88-90; 7:185
National association of manufacturers' special train.....	1:224-227
"Panama Pacific exposition" (Lively).....	2:22-25
Picture of commercial exhibit.....	5:87
"Exit facilities" (Porter).....	2:40-46
"Experience with ambrine and parresine at Pittsfield works" (Ashe).....	6:695-712
"Experience with methods of Health supervision, Practical" (Clarke).....	4:391-397
Explosions: Coal dust.....	4:181-182
Dust.....	4:186-188
Explosive hazard of air compressors.....	4:612-613
Explosives: Discussion of caps, primers, and tamping material.....	7:1140-1144
Discussion of hazards in the manufacture of.....	6:579-592
Materials classed as.....	6:576
"Responsibility of the manufacture and handling of" (De Blois).....	7:616-619
"Safety in the use of" (La Motte).....	7:1115-1126

	PAGES
Explosives:	
Standards for their manufacture and transportation.....	8:564-579
"Women in plants manufacturing" (Elberty).....	7:444-446
Expositions, see Exhibitions.	
"Extent of instruction to workers in First-aid, Means and desirable" (Shields)	4:443-447
Extractors	4:206, 213-214
Eye injuries in the foundry, Most common.....	5:1303
Eye protection:	
"Accidents to the eye and how to prevent them" (Cameron).....	1:298-300
"Conservation of the human eye" (Goodwin).....	7:270-276
Discussion by B. W. Nutt.....	7:833-838
"Eye protection" (Shepard).....	5:1299-1304
"Eye protection in foundries" (Bennett).....	4:690-694
In foundries	4:684, 690-694
In grinding processes.....	4:608
"New kinks in" (Park).....	6:1279-1283
Statistics of eye injuries.....	6:1286
See also Goggles.	
Eyes, Flashed—Treatment.....	6:1268
"Fabricating—(a) drilling, (b) reaming, (c) riveting" (Guilbert).....	6:918-927
Face masks, see Masks, Face.	
"Factory doctor" (Marquis).....	5:668-674
"Factory inspection, Illinois system of" (Davies).....	1:329-336
"Factory inspection, Improvement of state" (Lescohier).....	1:66-69
"Factory inspection departments, Manufacturer's relations to state" (Bruce)	1:71-73
"Factory inspection plan, Michigan employers'" (Trix).....	1:199-204
Fallers and feed rollers.....	6:475
Falls (people):	
Accident statistics.....	7:373-375
Cost of accidents.....	7:374
Farnum, Dr. C. G.:	
Chairman, Health service section meeting.....	6:193-340
"Ideal industry from the standpoint of health and safety".....	6:223-231
"Fatalities and diseases in coal mining districts" (Lynott).....	4:236-244
Fatigue	5:1362-1364
Fay, A. H.:	
"Mine accident statistics".....	5:884-898
"Results obtained by keeping mine accident records".....	7:1052-1058
"What each operator can do to aid accident statistics".....	6:1395-1399
"Federal bureaus, Safety as promoted by" (Chaney).....	2:101-107
Federal compensation law.....	6:546-547
Federal control of industrial medicine and surgery.....	6:216-223
"Federal government for the prevention of railways accidents and its re- sults, Work of" (McChord).....	1:18-35
Federal session.....	1:5-54
Federal session, see also Governmental section and session.	

CUMULATIVE INDEX

1180

	PAGES
Feed rollers and fallers.....	6:475
Feeders, Screens to protect.....	5:433
Fehling, O. J., Chairman, Foundry section meeting.....	5:1269-1316
Fellmer, M. L., "Safety organization in the woodworking and logging industry".....	6:1119-1124
"Fellowship the basis of all safety" (Howard).....	3:319-327
Fenders for electric cars.....	5:296-298
Field contests and prizes awarded (Mining Section).....	4:265-285
Fiesinger, E. H.:	
Chairman, Chemical section meeting.....	7:633-648
"Hazards of caustic soda manufacture and use".....	6:858-860
Film, Proposed safety.....	7:802-803
Finance committee:	
Report (Van Schaack).....	3:34-37
Report (Scott).....	4:32-35
Report (Campbell).....	5:14-17; 6:14-18
Report (Forster).....	7:23-25
"Finishing" (Arkills).....	6:937-940
"Finishing, bleaching, dyeing and printing, Hazards of" (Hale).....	4:376-380
Fire alarm system, Gamewell.....	5:593-594
"Fire and panic drills, Safety as insured by" (Bryant).....	1:78-80
"Fire and police" (Atwood).....	5:586-595
Fire around electrical apparatus.....	5:331
Fire fighting in mines, Organization for.....	6:1341-1344
Fire prevention:	
"Drills and protection" (Bryant).....	2:46-65
"Exit facilities" (Porter).....	2:40-46
"Fire protection and fire fighting at the mines" (Lloyd).....	4:255-259
In mines (Lloyd).....	6:1337-1340
Inspection of engines for.....	6:1072-1074
"Necessity for reaching both the employer and employe in fire prevention".....	2:65-67
"Progress in" (Meek).....	2:38-40
Fire prevention committee report (Forster).....	4:43-44; 5:30-33; 6:37-38
Fire prevention day.....	5:30, 33, 59, 140-141
Fire prevention session.....	2:38-67
Fireproofing cloth, Formula for.....	7:485
First aid:	
"Accident prevention" (Mulligan).....	6:1295-1301
Attention given.....	5:418-419
"Bearing on accident prevention" (Bailey).....	7:678-686
Classes in.....	6:864-865
Contents of cabinet.....	7:688
Definition.....	4:383
Discussion as to who is qualified to administer.....	6:274-277
"Education of miners in" (Boardman).....	5:1030-1038
Extent of instruction in.....	4:443-447
"First aid" (Bloodgood).....	5:634-640

	PAGES
First aid:	
Four things in the teaching of.....	6:303
"In the industries—how much?" (Cameron).....	6:296-302
"Industrial first-aid by the American Red Cross" (Shields).....	1:36-45
Kits.....	4:27; 5:545; 6:337-338, 339-340, 504, 862-863, 1002-1003, 1108-1109
"Mine safety societies and" (Boardman).....	5:1032-1033
Organization of systems.....	4:439-442
Rewards of merit for first aid work.....	5:1036
Schedule of merits for first aid work.....	5:1033-1034
Scope of.....	6:330
Skilled.....	4:440-441
Small plant problems.....	6:337-340
"Standardization of methods in mining industry" (Connor).....	7:1046-1049
Suggested plan for first aid work and training.....	5:1033-1036
First aid contests:	
Field contests and prizes awarded.....	4:265-285; 6:1333, 1513-1517
Interest in.....	5:1030-1031, 1036
Standard practices in mine rescue and first aid.....	4:286-293
Teams participating in interstate.....	5:1058
"First set of fours" (Schermerhorn).....	7:195-201
Fisher, F. W., "Hazards of power houses and their remedies".....	5:231-257
Fisk, Dr. E. L.:	
"Eliminating unnecessary time lost by sickness".....	7:339-341
Work of Life extension institute.....	6:289-291
"Fitness for the job—an essential of safety" (Blackford).....	7:559-561
Flags, Safety.....	5:1350-1351
Flat work ironers.....	4:205-206, 214
Fleischer, Alexander, Report of Interpretation and evaluation committee of Health service section.....	6:210-216
Floors:	
For heavy traffic.....	6:818-819
Foundry.....	4:680-686
"Necessity of inspection for overloaded" (Livingstone).....	7:485-486
Shear shop.....	6:916-917
"Flour mills, means and methods for the prevention of accidents in" (Adderly).....	1:244-252
Floyd, C. B.:	
Discussion of J. T. Broderick's paper.....	6:1025-1026
"Prevention of accidents to employes falling from cars or engines, especially in hump yards".....	7:913-914
Fly wheels, Safeguarding.....	4:602
Fogler, B. B., "Safety work of the Ludlow manufacturing associates"	5:361-366
"Follow-up" man.....	6:113-114
Foltz, T. F., "Safe construction of scaffolds and falsework".....	7:528-537
Fonda, G. T.:	
Address of chairman.....	6:1145-1147
Chairman, Iron and steel section meeting.....	5:532-601; 6:1145-1322
Discussion of Mr. Kennedy's paper.....	3:134-137

CUMULATIVE INDEX

1191

	PAGES
Foot protection in foundries.....	4:697-698
Ford, Dr. C. E., "Health instruction".....	6:246-249
Foreign languages:	
Bulletins in.....	5:125-126, 131, 365-366; 6:234, 235-236, 240, 1093-1094
Rule books in.....	6:936
Foreign workmen:	
Education of.....	2:161-164; 4:515-521, 523-525, 747-753
"Employment of new men and their liability to injury especially in regard to foreign labor" (Carrow).....	6:991-997
"Our foreigner; what are we doing to help him help himself?" (Young).....	1:302-307
Relation of inability to speak the English language to accidents.....	5:463, 478
Foremen and sub-foremen:	
Accident reports.....	7:90
Bonuses for.....	3:527
Co-operation of general superintendents and assistant general superintendents.....	6:128
Co-operation of workmen and.....	6:85
"Does the attitude of the foreman determine the success of the safety engineer?" (Worth).....	7:99-104
Education.....	4:679-680, 723-724; 5:95-105; 6:71-72, 94-95, 124-140; 7:899-900
Efficient.....	6:1056
Fore River shipbuilding company's experience with.....	6:1233-1245
"How to reach the foreman" (Round table session).....	2:153-171
"How to successfully conduct foremen's meetings".....	7:155-158
Illinois steel company's methods with.....	6:127-129, 130, 132-133
Meetings of the foremen.....	6:129-130, 367, 369, 1246-1249
"Method of training and obtaining the co-operation of foremen in safety work" (Walters).....	6:688-693
Must exercise care and caution to enlist his men in safety.....	7:897-899
Overcoming apathy of.....	3:222-223
Personal conferences with.....	6:116
Prizes.....	6:131
Promotion influenced by record in safety work.....	6:134-135
Promotion of.....	6:1237
"Qualification of a mine foreman" (Paul).....	5:929-932
Record kept of accidents occurring under every.....	6:1233, 1241
"Safety and the" (Herbert).....	6:1229-1238
Selection of.....	6:979
Track foremen.....	6:1034-1035, 1092-1093, 1097-1098
Treatment of.....	6:981
Value of interest in safety work.....	6:89-91
"Forethought vs. afterthought in safety" (Little).....	7:189-194
Forge shop hazards.....	6:803-807
Forges, How to eliminate heat from.....	6:806-807
"Forging and forming" (Bender).....	6:906-911

	PAGES
"Forming and forging" (Bender).....	6:906-911
"Forms for recording medical data, Standard" (Hayhurst).....	4:406-422
Forster, H. W.:	
Chairman, General round table session.....	5:91-144
Chairman, 2nd general session.....	6:80-124
Chairman, 3rd division, General round table session.....	6:153-166
Finance committee report.....	7:23-25
Fire prevention committee report.....	4:43-44; 5:30-33; 6:37-38
Home safety committee report.....	5:30-33
"Practical results obtained in safety".....	3:137-142
"Safety and warfare".....	7:62-68
"Safety in the home".....	7:447-451
Fouke, Mrs. P. N., Remarks.....	7:438-439
Foundries:	
"Accident prevention in machine shop and" (McKee).....	1:227-235
Accident statistics.....	4:689-690
Eye hazards in.....	4:691-692
"Eye protection in" (Bennett).....	4:690-694
"Foundry floor practices" (Morey).....	4:680-686
Hand and foot protection in.....	4:694-698
Handling of materials.....	4:686-690
Hazards.....	6:801-802
Ladles.....	4:684
"Management from the standpoint of accident prevention" (Hart).....	7:823-824
"Sanitation" (Alexander).....	5:1310-1314
Foundry leggings, see Leggings, Foundry.	
Foundry section:	
List of attendants at meeting.....	4:676-678
List of members.....	5:1314-1316
Minutes of meetings.....	4:673-698; 5:1269-1316; 6:685-754; 7:821-838
Nominating committee.....	4:674; 5:1271; 6:688, 752
Publicity committee report (Elam).....	6:687-688
Secretary's report (Ashe).....	6:686-687
Foundry shoes, see Shoes for workmen.	
Frankel, L. K., "Dental work in the industries".....	5:636-697
"Freight elevators; their use, and how to prevent accidents" (Wright).....	5:1334-1337
Friction drives, see Drives, Friction.	
Frost Bite, Use of paraffin for.....	6:698
Fuller, W. W., Discussion of Robert Holland's paper.....	7:904-906
"Fume poisoning from nitric and mixed acid" (De Blois).....	5:1504-1510
Fumes and vapors, Irritating.....	6:839-841, 842-845
"Fundamental principles of safeguarding" (Young).....	6:98-109
"Fundamental principles of safety" (Carrow).....	7:839-892
Furnaces, Heat-treating, see Heat-treating furnaces.	
Furnaces, Open hearth, see Open hearth process.	
"Future of safety in the iron and steel industry" (Smith).....	7:759-763

	PAGES
Galaty, S. M., Discussion of T. H. Carrow's paper.....	7:892-896
Games, Safety	5:209
Gardens for Employees.....	6:734-735
Gardiner, J. P.:	
Discussion of H. W. Forster's paper.....	3:142-145
Factory inspection in Minnesota.....	1:75-78
Gardner, W. A., Resolution in memory of.....	5:18
Gas industry:	
"Accident prevention in the commercial department of a large gas company" (Claybaugh)	5:1411-1418
Gas safety code.....	5:790
Gas works hazards.....	6:506-510
"Hazards of gas works" (Douglas).....	4:347-354
"Safety work in gas companies" (Davies).....	6:493-513
Safety wrinkles around a gas plant (illus.).....	5:1425-1445
Gasket, Perforated (illus.).....	5:436-437
Gasoline, Use of.....	6:782
"Gasoline in the industries, when used as a solvent" (Shaw).....	7:493-496
Gears:	
Accidents	5:431
Roll (illus.)	5:439
Safeguarding	4:601; 6:104
Geier, Dr. O. P.:	
Chairman, Health service section meeting.....	5:603-770
Chairman, Industrial hygiene section meeting.....	4:383-448
"Human side of industry".....	5:608-618
Geisler, H. L., "Effect of accident prevention on insurance rates"	7:539-543
"General dangers from strong and mixed acids from the safety man's point of view" (Griswold).....	6:848-853
"General hazards of woodworking industry" (Newell).....	4:706-703
General manager's report—N. S. C. (Cameron).....	7:21-23
General manager's report, see also Secretary's report, Treasurer's report.	
General round table meetings.....	2:141-187; 3:146-233; 4:717-759; 5:91-144; 6:125-166; 7:111-131
General sessions	4:103-146; 6:53-124; 7:49-110
Generator houses	6:506-510
"Getting close to men; intensive instruction by foremen" (Hammond)	7:897-899
"Getting on and off accidents":	
Discussion	6:1047-1055
"Prevention of" (Boltzell).....	6:1042-1047
"Getting results in safety—Education vs. discipline" (Clarkson)	7:720-730
Gibbs apparatus for mine rescue work.....	6:1438
Gilkerson, C. A., "Standardizing statistics".....	6:430-437
Gilling process	6:475
Gleason, El. P., "Safety instructions and warnings for specific dangers in paper plants".....	4:305-309

	PAGES
Glover, D. K., "Hazards and safeguards in anthracite breakers and washeries"	7:1076-1080
Gloves:	
Clean gloves prevent infection	5:539-540
Method of distribution to workmen	6:768, 769-770
Rubber	6:528-529, 866
Goggles:	
Discussion of eye protectors	5:1501-1504
Educational methods to increase use of	6:1281-1282
Employee must sign a receipt for	6:1286
Enforcement of rules to wear	6:1288-1289
For isolated grinders	6:779-793
For toolmakers	6:791
For use in alkali industry	6:858
For use in nitrous fumes	6:843
"Goggle problem in the chemical industry" (Torre Bueno)	5:1499-1501
How to enforce the rule for wearing goggles	5:1206-1211
Law in Indiana and Wisconsin regarding use of	6:1286, 1287-1288
Pennsylvania working on a code for	6:1283-1284
Persuading employes to wear	6:986-987
Pfund lens used in welding processes	7:835
Question of pieces of glass getting into the eye if lens is broken	6:1284-1286, 1287
Re-enforced glass produced by welding a sheet of celluloid between two sheets of glass	7:834-835
"See Clear" compound for	6:843
Special lens	6:790
Use in blacksmith shop	6:1102-1103, 1109
Use in packing houses of cement plants	5:347-348
Visitors going thru shops must wear	6:1288
When handling caustic soda	7:639-640
See also Eye protection.	
Goldie, J. H., "Side issues which may be included to advantage"	7:237-239
Gongs, see Cranes—Gongs.	
Goodman, R. B., "Safety rules and organization in logging camps"	6:1111-1118
Goodwin, H. L., "Conservation of the human eye"	7:270-276
"Government is doing in safety engineering, What the" (Rausch)	7:756-759
Government safety work	6:533-538
Government surveys, Federal	6:11, 25, 118-122
Governmental section:	
Joint meeting with Health section	7:295-319
Minutes of meetings	5:771-796; 6:533-593; 7:615-632
Nominating committee	6:563, 592-593
Governmental session	3:73-109
Governmental session, see also Federal session.	

CUMULATIVE INDEX

1195

	PAGES
Grab-irons of way cars.....	7:984-985
Grade crossings:	
Accident statistics	1:19-20; 6:641-643; 7:853-854
"Automobile grade crossing accidents" (Rose).....	4:482-501
Discussion of J. S. Rockwell's paper (Anderson).....	5:1148-1152
General discussion	5:1152-1157
"Highway crossing accidents—their cause and how they can be re- duced" (Rockwell)	5:1141-1148
Legislation	5:196-197
New York Central poster, Price of.....	6:1003-1004
Report of committee on trespassing accidents and (Railroad sec- tion)	6:949-950; 7:850-855
Resolutions regarding accidents at.....	7:408
Signs and signals.....	5:1145-1146, 1150-1152, 1155-1156
Standardization committee of Electric railway section report	5:194-197
Uniform signs	5:194-195
Wig-wag signals	5:1149
Grade crossings, see also Trespassing on railroads.	
Grand Rapids Local Council report.....	3:54-55; 4:91-92; 5:73-75; 6:385-386
"Graphic charts and bulletins in safety education" (Clapp).....	5:243-250
Greensfelder, A. P., "Safe contracting".....	7:537-539
Greenwood, Walter, "Safety in constructing and operating open hearth steel mills"	5:493-500
"Grim Reaper," (Playlet by Oscar Dane).....	7:49-52
Grinding process:	
Plate glass shields.....	6:779, 780-782
Use of goggles.....	6:779-793
Grinding wheels, see Abrasive machinery.	
Griswold, R. G., "General dangers from strong and mixed acids, from the safety man's point of view".....	6:848-853
Groome, Peter, Discussion of J. A. Doyle's paper.....	7:910-912
Guards for machinery, see Safeguarding.	
Guilbert, Harry:	
"Construction of and cost of making safeguards in shops".....	4:598-602
"Fabricating—(a) drilling, (b) reaming, (c) riveting".....	6:918-927
Guild, J. M., "In order to secure the best results in safety work, what should be the relation of the railroad company and its officers to the safety first organizations?".....	5:1177-1183
Gunagan, R. H., "Safeguarding belts and shafts".....	4:157-165
Hale, H. A., Jr., "Hazards of bleaching, dyeing, printing and finishing"	4:376-380
Hale, Isaiah:	
"How to educate Non-English speaking employees".....	4:519-521
"Teaching safety to 75,000 men".....	7:462-469
Hall, R. D., "Accident prevention in coal mines".....	4:244-252
Halsey, E. A., "Boy Scout movement".....	3:306-312

Hamilton, Dr. Alice:	
Discussion of Dr. F. D. Patterson's paper.....	3:165-167
"Deep poisoning in the manufacture of air-plane wings".....	6:549-558
"Some of the objections to health supervision".....	4:424-437
Hammermill paper company, Safety work in.....	7:562-566
Hammers, Drop	6:802-806
Hammond, C. W., "Getting close to men; intensive instruction by foremen"	7:897-899
Hampden County Branch of New England Safety Council report.....	7:172-173
Hampden County Safety Council report.....	7:184
"Hand and foot protection" (Conlin).....	4:694-698
Hand and motor cars:	
Discussion of safe handling (Loughman)	6:1033-1042
"Safe and proper operation of" (Watkins).....	6:1029-1033
Hand leathers	4:696
Hand protection in foundries.....	4:694-697
"Handling and storage of calcium carbide" (Morrison).....	7:1132-1137
Handling materials:	
Boxes and containers on trucks.....	6:816-817
Cranes	6:141-150
"Cranes, chains and cables, auto trucks and electrics" (Orth).....	6:881-890
Discussion of J. T. Broderick's paper (Floyd).....	6:1025-1026
General round table session.....	6:141-153
"Handling of materials" (Clark).....	4:686-690
Improper loading and handling of hand and motor cars.....	6:1031-1033
In a car shop.....	6:913-914
Loading and unloading rails.....	6:1021-1022
Manual handling	6:150-152
Piling ties	6:1022-1023
"Safe and proper handling of track, bridge and building material" (Broderick)	6:1020-1025
Sheet metal	6:766-770
Speed limit on trucks.....	6:812-816
Trucks	6:810-819, 888-889, 902-903
Hansen, C. M.:	
Letter	5:62
"Standardization of safeguards".....	4:139-146
Harmer, H. B., "Comparative manual resuscitation methods".....	7:705-711
Harrison, C. L., "Are sawmill industries keeping pace with accident prevention progress?".....	7:604-608
Harris, A. L., "Band re-saw, hand rip saw, circular trim and cut-off saw accidents and their prevention".....	6:1133-1136
Harrisburg Local Council report.....	3:55-56; 6:398
Hart, G. A., "Foundry management from the standpoint of accident prevention"	7:823-824
Harvey, Dr. A. M.:	
Discussion of Dr. J. W. Schereschewsky's paper.....	3:182-184
Report of Hernia committee.....	6:206-209

	PAGES
Harvey, J. H.:	
Chairman, Electric railway section meeting.....	7:717-747
Report of Rochester public safety campaign.....	7:390-392
"Safety and efficiency—how a new member tackles the problem"	5:257-265
Secretary's report (Electric railway section).....	6:611-613
Hatch, L. W., Discussion of Dr. Chaney's paper.....	6:1176-1181
"Having the men with you" (Morey).....	1:253-258
Hayhurst, Dr. E. R.:	
"Occupational diseases"	5:640-646
"Standard forms for recording medical data".....	4:406-422
Haylett, H. H., "Lunchrooms".....	7:824-829
Haynie, W. D., Toastmaster, Banquet.....	3:301-328
"Hazards and safeguards in anthracite breakers and washeries"	
(Glover)	7:1076-1080
"Hazards and safeguards in ore dressing plants" (McKaig).....	7:1080-1087
"Hazards in woodyards" (Shattuck).....	4:301-305
"Hazards in wool carding, combing and drawing" (Lord).....	6:472-479
"Hazards of bleaching, dyeing, printing and finishing" (Hale).....	4:376-380
"Hazards of caustic soda manufacture and use" (Fiesinger).....	6:858-860
"Hazards of gas works" (Douglas).....	4:347-354
"Hazards of high-tension lines" (Morrow).....	4:344-347
"Hazards of openers, pickers, cards, etc." (Swallow).....	4:368-373
"Hazards of power houses and their remedies" (Fisher).....	5:281-287
"Hazards of the street" (Spring).....	4:340-343
"Headlamps, Automobile" (Little).....	7:393-399
Heads, Jointer, see Jointer heads.	
Health and Industrial Relations division.....	7:203-247
Health bulletins	4:28
"Health education" (Shoudy).....	5:618-628
"Health hazards, Reduction of" (Patterson).....	5:754-757
"Health instruction" (Ford).....	6:246-249
Health Insurance:	
General discussion.....	5:656-667
"Health insurance" (Whitney).....	5:646-656
Health supervision and	4:383-389
Report of committee on.....	6:202-206
"Health of industrial employes, Economic value of" (Darling-	
ton)	7:72-80
Health of workmen in Brooklyn navy yard.....	6:545
"Health problems in the chemical industries" (Price).....	5:1490-1495
Health service section:	
Interpretation and evaluation committee report.....	6:210-216
Joint meeting with Employees' Benefit Association Section	
.....	5:721-732; 6:201-241
Joint meeting with Governmental section.....	7:295-319
Medical work committee.....	6:209-210
Minutes of meetings.....	4:383-447; 5:603-770; 6:193-340; 7:247-347
Nominating committee reports.....	5:758-759; 6:195-196, 291-292; 7:343

	PAGES
Health service section:	
Secretary's report	5:605-607; 6:194
Standard forms committee report.....	6:196-202
Standardization committee report.....	5:607-608
See also Industrial hygiene section.	
Health supervision of employees:	
Argument of the workman against.....	4:426
Cause of workmen being rejected.....	4:436-439
Cost and actual benefits of.....	4:28
"Employment, medical supervision and safety" (Phelps).....	5:679-686
Essentials of human maintenance department.....	6:218-222
Expense of	4:423-424, 434-435
Five aspects to be considered in a complete system.....	4:387
For employees' benefit.....	4:431-432, 435-436
Forms—Employment health data.....	4:419-422
Forms—Personal health data.....	4:414-419
General hygienic supervision.....	4:388
"Ideal industry from the standpoint of health and safety"	
(Farnum)	6:223-231
Individual health supervision.....	4:389
Industrial health supervision.....	4:389-390
Minimum standards of physical examinations.....	4:28
Norton company's department.....	4:391-397
Objections to	4:424-427
Physical examination of employees.....	4:393-395, 429-430
Results accomplished	4:397-403
Round table discussion.....	5:743-754
Small plants	4:427-430; 6:271-273
Standard forms for recording medical data.....	4:406-422
Standardization of medical and surgical work.....	6:222-223
Standardization of systems.....	4:403-406, 432-434
State health supervision.....	4:389, 423-424, 432-433
"Supervision of health of employees" (Mock).....	5:732-742
"Systems of" (Price).....	4:386-390
See also Physical examination.	
Heat treating furnaces: Proper design to eliminate undesirable heat losses	
and subsequent inconveniences to workmen.....	6:798-799
Hedges, Job. E., Address at Banquet.....	6:177-189
Heelan, J. J.:	
"Are woodworking industries keeping pace with progressive safety	
work?"	6:1138-1140
"Modern methods of safeguarding".....	7:95-99
Helmets:	
Chemical workers	5:1502-1504
Mine rescue work.....	6:1424-1425, 1437-1440
Respiratory	6:840, 842, 844
Hemming, R. N., "Conservation of humanity and prevention of accidents	
by traffic survey".....	7:738-747
Herbert, J. S., "Safety and the foremen".....	6:1229-1238

CUMULATIVE INDEX

- 1199

PAGES

Hernia:	
General discussion	5:725-728
Health service section committee report	6:206-209
"Hernia" (Burry)	5:711-715
"How to handle hernia cases" (Ashe)	5:1273
"Oblique inguinal hernia" (Harvey)	6:206-209
Operation for	6:237-238
"Traumatic hernia" (Hopkins)	5:715-725
Trusses sold at cost	6:237
"High-tension lines, Hazards of" (Morrow)	4:344-347
"Highway crossing accidents—their cause and how they can be reduced" (Rockwell)	5:1141-1148
Hill, R. B.:	
Resolution in memory of	7:46-47
"Safeguarding of bins, hoppers and tanks"	4:171-176
"What has been accomplished by cement companies in safety work"	5:321-327
Hiring and firing	6:447-448
Hoffman, F. L.:	
"Accident hazard in the American merchant marine"	6:602-610
"Accident problem as it concerns the general public"	5:780-786
"Achievements and possibilities of accident prevention in American industries"	5:506-517
"Dust hazard to health in the stone industry"	7:1017-1025
Report of uniform industrial accident statistics committee	7:30-37
Hoffman, P. L., "Public safety"	7:264-368
Hoisting:	
General discussion	5:991-1003
"Safety devices on mine hoists" (Armstrong)	1:104-107
"Safety in hoisting and slope haulage" (Hood)	5:988-991
Holland, Robert, "Accident prevention for trackmen"	7:900-904
Hollerith tabulating system	3:246-249; 5:1486-1490
Holmes, J. A.:	
Resolution in memory of	4:25-26
"Safety in coal mining"	1:8-17
Home safety:	
Experiences of members	5:140-144
Report of committee on (Forster)	5:30-33
"Safety in the home" (Forster)	7:447-451
Honorary members of N. S. C.	3:298; 4:644, 5:381-382; 6:170
Hood, O. P., "Safety in hoisting and slope haulage"	5:988-991
Hook, C. R.:	
Chairman, Second General session	7:81-110
"Real problem of the safety engineer"	7:81-83
"Safety in rolling mill operations"	5:563-568
Value of Safety congresses	7:104-105
Hooks:	
Air hoist	4:685
Latch	6:901-902

	PAGE
Hopkins, Dr. C. W., "Traumatic hernia".....	5:715-721
Hoppers, Safeguarding	4:171-174
Hose, Air.....	4:681
Hose for use in mines, Fire.....	6:1340-1341
Hospitals and dispensaries:	
Clairton emergency hospital.....	6:81
Discussion	5:708-711
Equipment	6:329-331
"Industrial hospitals and dispensaries" (Cabot).....	5:702-703
"Industrial hospitals and dispensaries" (Crowder).....	6:292-293
Hot saws, see Saws, Hot.	
Houk, W. F., Presiding officer, States session.....	1:57-8
Hourigan, Dr. H. P.:	
"Alcohol vs. safety"	5:1304-131
"Health work in the small plant".....	7:333-33
Hours for cranimen.....	6:753-75
Hours of labor	5:1359-137
"Housing problem in a paper mill community" (Williamson).....	7:566-57
Housing problem of Norton company.....	7:570-57
Houston Local Council report.....	6:409-41
"How can we best conserve health in the industries" (3rd Session, Health service section).....	6:292-34
"How graphic charts and bulletins help in safety education" (Clapp)	5:242-25
"How improvement in safety conditions reduces labor turnover and accidents" (Shepard)	6:722-72
"How should the members of safety committees be selected and for what length of time should they serve?" (Scoville).....	5:1153-116
"How the attitude of the public toward the railroad company is influenced by systematic safety work" (Roche).....	5:205-21
"How the safety movement is helping the electric railway meet its problem" (Norris)	5:213-22
"How the various efforts to promote safety in a community can be coordinated" (Waltz).....	7:731-73
"How to educate Non-English speaking employes" (Hale).....	4:519-52
"How to educate the workman" (General round table meeting).....	4:717-75
"How to make safety committee meetings interesting" (Wilson).....	5:1226-123
"How to organize for safety" (Morris)	7:84-5
"How to organize for safety" (Price)	6:92-5
"How to organize safety in a saw mill" (Barker).....	5:424-45
"How to reach the employer" (Round table session).....	2:141-15
"How to reach the foreman" (Round table session).....	2:153-1
"How to reach the workman" (Round table session).....	2:171-18
How to start a safety campaign.....	4:720-71
"How to successfully conduct foremen's meetings" (Costley).....	7:155-11
Howard, C. H.:	
Address of chairman.....	7:52-1
Chairman, 1st General session.....	7:49-1

CUMULATIVE INDEX

1201

	PAGES
Howard, C. H.:	
"Fellowship, the basis of all safety".....	3:319-327
Telegram of regret.....	5:394
Howarth, William, "Reward of thought for others".....	6:420-423
Hughes, Florence, "Vital importance of the trained nurse in industrial welfare work"	4:131-139
Hull, H. B., Discussion of C. C. McChord's paper.....	1:49-51
Human element in safety work.....	4:456-457
Human factor in relation to accidents.....	1:134-146
"Human maintenance department for the industrial army" (Mock)	6:216-223
"Human relations in industry, with particular reference to corporate employer and employe" (Williams).....	6:279-289
"Human side of industry" (Geier).....	5:608-618
Humidity	6:464-465
Hump yards:	
Discussion of practices in.....	7:914-924
Prevention of accidents to employes falling from cars and" (Floyd)	7:913-914
Hyatt, Dr. T. P.....	5:686
"Ideal industry from the standpoint of health and safety" (Farnum)	6:223-231
"Ideal laundry plant—emphasizing welfare work" (Klink).....	4:207-212
"Ideal Local program for large-sized communities" (Rosseland).....	7:150-155
"Ideal organization for public safety in a community" (Campbell)	5:812-825
Illinois steel company:	
Campaign for reduction in accidents.....	6:127-129, 130, 132-133
Safety work of.....	1:279-291
"Illinois system of factory inspection" (Davies).....	1:329-336
Illumination, Minimum standards in regard to.....	4:27-28
Illumination, see also Lighting.	
"Importance of the trained nurse in industrial welfare work" (Hughes)	4:131-139
"Improvement of state factory inspection" (Lescohier).....	1:66-69
Incorporation of National Safety Council.....	4:23-24
Increasing the efficiency of bulletin service" (Ballou).....	7:576-579
"Indian Hill development". (Ronsseau).....	7:570-573
Indianapolis Safety Council report.....	7:175
"Industrial betterment 'Special' " (Perry).....	1:224-227
"Industrial hospitals and dispensaries" (Cabot).....	5:702-708
"Industrial hospitals and dispensaries" (Crowder).....	6:292-296
Industrial hygiene committee, Report of (Schereschewsky) 3:31-33; 4:26-30	
Industrial hygiene, see Health supervision.	
Industrial hygiene committee, Report of (Schereschewsky) 3:31-33; 4:26-30	
Industrial hygiene section:	
By-laws	4:384-386
Minutes of meetings.....	3:161-202; 4:383-447
See also Health service section.	

	PAGES
Industrial preparedness committee report (Palmer).....	6:24-25
Industrial relations: Quotations from "The men higher up".....	1:319-325
"Industrial sanitary standards" (Price).....	3:195-197
"Industry's responsibility for the industrial cripple" (Patterson).....	7:312-314
Infection:	
"Blood poisoning and infections in the wood-working industry (Kuhn)	7:507-602
"Carrel-Dakin method of treating" (Lambert).....	6:264-265, 266
Chloramine paste for sterilizing.....	6:264-265, 266
Chlorazene for sterilizing.....	6:265, 332
Discussion (Shoudy)	5:542-545
Inspection of hands to avoid development of.....	4:696-698
"Origin of safety methods and prevention of" (Booth).....	5:533-541
Use of Carrel-Dakin method in the industries.....	6:260-262, 263-264, 332-333
See also Carrel-Dakin treatment.	
Injured soldiers, see Soldiers, Injured.	
Injured workmen, see Workmen, Injured.	
Inland steel company's scheme of giving prizes to foremen.....	6:121
Inspection, Safety:	
"Cars and engines: (a) Prevention of accidents; (b) Prevention of fire loss" (Cochrane).....	6:1064-1076
Committees of one plant inspect the other plant.....	5:333-334
"Crane chains" (Risteen).....	4:625-628
Hands to prevent infection.....	4:698-697
"Methods for paper mills" (Risteen).....	4:312-318
Methods of (Round table discussion).....	3:146-160
"Necessity of, for overloaded floors" (Livingstone).....	7:485-486
Participation of the men in.....	4:725
Suggested report form for mine safety inspectors.....	5:950-953
Value of	5:419-423
Written reports important.....	6:97-98
Inspector, Qualifications of an insurance.....	3:140
"Instructing new motormen in their duties, Methods of" (Adams)	5:305-313
Instruction, School of (Electric railways), see School of Instruction for electric railway employees.	
"Instruction, Visual mine safety" (Bach).....	6:1362-1365
Instruction of workmen, see Education of workmen.	
"Instruction to workers in First aid, Means and desirable extent of" (Shields)	4:443-447
Insull, M. J.:	
Chairman, Transportation and public service session.....	3:234-266
"Safety as a means of bettering the relations between the public and public service corporations".....	3:234-239
Insurance, Accident	5:110-111
Insurance, Health, see Health insurance.	
Insurance, Industrial:	
Forms of carrying insurance.....	5:957
See also Employees' benefit associations.	

CUMULATIVE INDEX

1203

	PAGES
"Insurance companies and accident prevention" (Van Schaack).....	3:313-318
Insurance premiums, Reduction in.....	5:325
"Insurance rates, Effect of accident prevention on" (Geisler).....	7:539-543
"Interest in accident prevention, Maintaining" (General round table session)	5:91-144
Interest in safety work, How to maintain.....	4:511-515, 758-759
"Interest in safety work, New ideas and methods for keeping up the" (Dunlap)	7:586-591
"Interesting the employer in safety work" (Campau).....	5:413-424
Interesting the management in safety work, see Management.	
"Interesting the public in co-operative accident prevention" (Spoehrer)	7:652-660
"Interlocking guards on textile machinery, Application of" (Cole)	6:466-472
Interpretation and evaluation committee of Health service section (Fleischer)	6:210-216
Interstate commerce commission of the U. S., Work of.....	1:18-35
Interstate first-aid contest, Teams participating in.....	5:1058
"Interurban and electric street cars, Safety devices on" (Cross).....	5:292-305
"Investigation of automobile hazards" (Scott).....	6:631-647
Invocation (Morey)	6:1-2
Iron and steel industry:	
Accident statistics	5:455-465
Causes of injury in (charts).....	5:462, 470
Charts prepared by Dr. Chaney	5:454, 456, 458, 460, 462, 464, 466, 468, 470, 474, 476, 478
Frequency and severity of accidents (Charts).....	5:464, 466, 468
Inability to speak English as related to accidents (Chart).....	5:463, 478
Nature of injury (Chart).....	5:472
Night and day accident rates (Charts).....	5:474, 476
"Progress of safety in" (Chaney).....	5:455-465
Results of safety organization (charts).....	5:454, 456-458, 460-461
"Safety and welfare in the iron and steel industry".....	2:124-127
"Safety in" (Campbell).....	1:279-291
"Accident causes and remedies committee report".....	5:450-452
Membership committee report.....	5:449-450; 6:1150-1151
Minutes of meetings.....	5:445-601; 6:1145-1322; 7:749-820
Nominating committee reports.....	5:531-532; 6:1151; 7:807
Program committee reports.....	5:453-455; 6:1150
Secretary's reports	5:447-449; 6:1147-1148
Standards committee reports (Young).....	5:453; 6:1149
Iron and steel session.....	1:277-313
Iron mining, see Mines and mining—Metal.	
Ironers, Flat work, see Flat work ironers.	
Italian-English instructor for the Pennsylvania railroad.....	4:523-525
Jackson, C. E., "Relation of the eight-hour day to safety".....	5:1359-1368
Jackson, J. P.: Chairman, General session.....	4:103-146

	PAGES
Jackson, J. P.:	
Discussion of R. B. Rosa's paper.....	5:792-796
"Pennsylvania department of labor and industry".....	2:81-90
Report of educational work.....	5:54-55
"Safety first in Europe".....	3:86-99
Jacobsen, H. G., "Safety methods at cement plants".....	7:510-514
Jarnagin, R. S.:	
Discussion of W. C. Wilson's paper.....	5:1236-1240
Grade crossing and trespasser accidents committee report (Railroad section).....	7:850-855
Jaundice, Toxic.....	6:549-551
Jessup, Commander (Brooklyn navy yard).....	6:538-543
Jib cranes, see Cranes—Jib.	
Johnson, Jackson, Address of welcome.....	7:9-10
Johnson, Robert, "What relation has labor turnover to mining accidents?".....	7:1065-1066
"Joiners and planers, Safeguarding of" (Barker).....	4:709-713
Joint board of sanitary control, New York city.....	4:389-390
"Jointer and shaper accidents and their prevention" (Krum).....	6:1129-1133
Jointer heads.....	5:433-434
Josse, J. C., Chairman, Cement section meeting.....	7:501-514
Juhnke, P. B., "And the end is that the workman, etc.".....	4:640
Kansas City Local Council report.....	6:377-379; 7:170-171
Kansas City railways' safety campaign.....	5:259-265
Kelly, Mrs. Florence.....	6:245
Kennedy, D. R.:	
Discussion of Dr. Chaney's paper.....	6:1164-1176
"Efficiency in safety work".....	3:129-134
"Labor turnover as related to safety".....	6:1289-1291
Kimberly-Clark company's scheme for reducing accidents.....	5:129-130
Kingsley, G. G., "Does disciplining pay in safety?".....	7:808-811
Kirby, John, Jr.:	
Opening address, Manufacturers session.....	1:196-199
Presiding officer, Manufacturers session.....	1:195-240
Kirschberg, Harold, Discussion of Dr. Lauffer's paper.....	6:1270-1272
Klink, J. S., "Ideal laundry plant—emphasizing welfare work".....	4:207-212
Klumph, D. A., Discussion of paper, "Railroad trespassing".....	5:1136-1137
Kramer, L., "Mental safety".....	7:859-860
Krause, A. A., "Railroad trespassing—its prevention a public duty".....	5:1115-1132
Krum, H. L.:	
"Jointer and shaper accidents and their prevention".....	6:1129-1133
"Wash and locker rooms".....	7:829-833
Kuhn, Dr. L. P., "Infections and blood poisoning in the woodworking industry".....	7:597-602
"Labor, a national asset" (Steiner).....	1:45-49
Labor Turnover. See Turnover, Labor.	

one wires.....	6:1105
est to reach sheaves at top of a	
.....	5:1436, 1441
.....	4:148-152
.....	5:355-358
es—Ladles.	
Dakin method of treating	
.....	6:255-260
ie use of Explosives”.....	7:1115-1126
.....	4:683
ations.....	5:339
up, from a safety standpoint”	
.....	7:1094-1102
permissible electric lamps in non-gaseous	
.....	6:1440-1454
.....	6:1454-1460
.....	7:60-61
ign languages.	
ne and sanitation”.....	7:289-295
H. I., “Underground mine	
.....	6:1350-1358
safety and the foremen.....	6:1238-1245
.....	5:983-986; 6:1354-1355
.....	6:1250-1270
tric shock, traumatic shock, drowning and	
very cause by means of artificial respira-	
.....	6:323-327
(Trimble).....	1:261-265
-emphasizing welfare work”	
.....	4:207-212
ilkinson).....	4:212-216
.....	4:205-207
.....	4:203-216
plant handling of hazardous chemicals, with	
urned empties”.....	6:874-877
trespassing on Railroads—Law, etc.	
ws.	
tus of the protection of the worker in the”	
.....	3:165-167

Leathers, Hand, see Hand leathers.	
Lee, A. W., Discussion of paper on "Safety committees".....	5:1164-1167
Lefevre, Mr., Chairman, Round table session—"The Employees' publication"	7:422-430
Legal aid department.....	6:160-161
Leggings, Foundry	4:697
Leggings for use in kiln rooms of cement plants.....	5:346-347
Lehigh Valley Local Council report.....	3:57-58; 4:84-85; 5:68-69
Leisenring, Mrs. Annie, "Cleaning machinery while in motion".....	4:374-375
Lennon, Dr. F. J., "Sliver accidents; their prevention and treatment"	6:1136-1138
Lescotier, D. D., "Improvement of state factory inspection".....	1:66-69
Lewis Institute plan for safety instruction.....	4:58-59
Life extension institute.....	6:290-291
Lifting materials: Rules for men (illus.).....	5:1279-1284
"Light and its relation to danger signs" (Ashe).....	5:157-168
Lighting	6:427
"Lighting, Paper mill" (Price).....	5:1322-1337
Lighting, see also Illumination.	
Lightning arresters	6:526-527
Limestone, Fabrication of: "Effects of the use of pneumatic tools on the nervous system" (Barnes).....	7:1029-1033
Lindsey, B. B., Address on war work activities	7:55-60
"Linemen and their hazard" (Scott).....	4:327-330
Linemen, Safety for.....	6:526
Little, R. M.: "Forethought vs. afterthought in safety"	7:189-194
"Re-employment of the war cripple".....	7:301-306
"United States employees' compensation commission".....	6:117-124, 498
Little, W. F., "Automobile headlamps".....	7:393-399
Lively, D. O., "Panama Pacific exposition".....	2:22-25
Livingstone, D. R., "Necessity of inspection for overloaded floors"	7:485-486
Lloyd, John: "Fire protection and fire fighting at the mines".....	4:255-259
"Mine fires and their preventions".....	6:1337-1340
Loading and unloading logs.....	6:1114
Local Councils: "Ideal program for large-sized communities" (Rosseland).....	7:150-155
"Officers' and committeemen's special meetings".....	6:363-375; 7:133-163
Reports.....	3:49-70; 4:79-102; 5:66-86; 6:374-414; 7:164-184
Locker, G. S.: Causes committee report (Railroad Section).....	6:947-948
"What service does the National Safety Council render its members and how can that service be improved?".....	5:1243-1250
"Locker and wash rooms" (Krum).....	7:829-833
Lockney, I. L., "Accident prevention in the shipbuilding program"	7:543-547

Logging:

Accident statistics	6:1114
"Safety organization in the woodworking and logging industry" (Fellmer)	6:1119-1124
"Safety rules and organization in logging camps" (Goodman)	6:1111-1118
Safety rules for loggers (Industrial Commission of Wisconsin)	6:1116-1118
"Why accidents occur in" (Weathersby)	7:608-612
Logging, lumbering and woodworking section meeting	5:407-414
Longshore industry, Accident prevention in	6:599-602
Lord, J. T., "Hazards in wool carding, combing and drawing"	6:472-479
Lost time reduced by paraffin treatment of burns	6:718
Lott, E. S., Address at Banquet	4:658-667
Loughman, F. N., Discussion of S. G. Watkins' paper	6:1033-1042
Lovett, F. G., "Rip saw accidents and their prevention"	6:1124-1129
"Low-tension shocks, Danger of" (Miller)	4:334-340
"Low-tension shocks, Danger of" (Warren)	4:330-334
"Low-voltage hazards" (Lauffer)	6:1250-1270
Lowe, W. W., "Preventing of accidents between street cars and auto- mobiles"	5:225-235
Lowell, A. L., Address at Banquet	6:173-177
"Loyalty and efficiency, Safety" (Abbott)	6:975-980
Lucas, H. C.: Address of chairman	5:1381-1382
Chairman, Public utilities section meeting	5:1381-1445
"Ludlow manufacturing associates, Safety work of" (Fogler)	5:361-366
"Lumber industry, Safety as it is practised in the Western" (Palmer)	1:235-240
"Lumber yards, Safety in operating" (Seidel)	7:591-597
Lumbering section meeting, see Logging, lumbering and woodworking section meeting.	
Lunch rooms:	
"Change houses and" (Eib)	6:1302-1308
Necessity for	6:425-426
Paper on (Haylett)	7:824-829
Lynch, J. J., "Selling safety to employes"	7:487-492
Lynch, W. J., "Safeguarding machinery and other equipment"	7:550-554
Lynott, Dr. W. A., "Fatalities and diseases in coal mining districts"	4:236-244
McAdoo, W. G., Letter of regret	7:61
McCaughan, G. E., Discussion of A. H. Boyd's paper	1:146-149
McChord, C. C., "Work of the Federal government for the prevention of railway accidents and its results"	1:18-35
McCleary, J. T.: Chairman, Divisional session	2:101-140
"National Game"	2:192-200

McCormick, S. B.:	
Address at banquet.....	4:667-671
"Development of the safety idea".....	4:112-118
McCurdy, Dr. S. A., "Results accomplished".....	4:397-403
McElroy, G. E., Discussion of Mr. Moorshead's paper.....	6:1416-1419
"Machine shop and foundry, Accident prevention in" (McKee).....	1:227-235
"Machine shop layouts and their relation to safety" (Briggs).....	7:473-480
Machine tools, Guards on.....	4:598
"Machinery, Prevention of accidents due to tools and" (More).....	6:1006-1014
Machinery section meeting, Safeguarding of.....	4:593-639
"Machines and tools, Safeguarding" (Woltz).....	4:594-598
McKaig, J. S., "Hazards and safeguards in ore dressing plants"	7:1080-1087
McKee, Frank, "Accident prevention in foundry and machine shop"	1:227-235
Mackey, H. A., "Responsibility of the state to the industrial cripple"	7:309-312
MacLachlan, Wills, "Modern practical methods of accident prevention in small companies"	7:694-701
McMillian, Mrs. N. A., Chairman, Women's session.....	7:431-469
Magazines, Employees':	
"Company periodicals" (Wood).....	6:437-442
Employees' magazines (Bueno).....	6:251
Monthly safety bulletin (Smith).....	5:138-139
Plant magazine (Stanion).....	5:135-136
Round table session—"The employees' publication".....	7:409-430
Mahoning and Shenango Valley Local Council Report.....	4:79-81; 5:66-67
"Maintaining interest among safety committeemen" (Steam railroad sec- tion round table meeting).....	7:936-955
"Maintaining interest in accident prevention" (General round table session)	5:91-144
"Maintaining interest in safety: (a) By employing officers; (b) By gen- eral employees" (Doyle).....	7:906-910
"Making walking places safe" (Mowery).....	7:371-386
"Man higher up and what he can do for industrial betterment" (Ayers)	1:300-302
Management:	
Attitude toward safety work.....	5:1184-1187; 6:615-619, 621-630, 665, 667
Education of.....	4:723-731; 5:106-116, 418-424
Executive support imperative in safety work.....	6:618-619
"How to reach the employer" (Round table session).....	2:141-152
"In order to secure the best results in safety work, what should be the relation of the railroad company and its officers to the safety first organizations?" (Guild).....	5:1177-1183
Reaching officers and obtaining their co-operation in safety work.....	7:939-941, 955-962, 967-971
Relation to safety work.....	1:300-302
Selling safety to the big boss.....	7:112-126

	PAGES
"Manhood conservation in munitions and chemical plants in Canada"	
(Bates)	6:836-841
Manning, V. H., "Bureau of Mines as a factor in mine safety"	4:225-229
"Manufacturers' associations as identified with safety first"	2:113-116
Manufacturers must guard machinery	6:827-828
"Manufacturer's relations to state factory inspection departments"	
(Bruce)	7:71-73
Manufacturers' session	1:193-240; 3:267-296
Manufacturing (General)—Accident statistics	5:514-516
"Manufacturing organization, Safety as an indispensable part of"	
(Tener)	4:106-112
Marine and navigation section:	
Minutes of meeting	6:595-610
Secretary's report (Martin)	6:596-598
Marquis, S. S., "Factory doctor"	5:668-674
Martin, C. A., "Wood room safety"	5:1328-1332
Martin, E. G., Secretary's report (Marine and navigation section)	6:596-598
Masks, Face	6:860, 864, 1203
Masks, Face, see also Helmets; Respirators.	
"Massachusetts employes insurance association" (Beyer)	2:98-100
"Means and desirable extent of instruction to workers in First aid"	
(Shields)	4:443-447
"Means and methods for the prevention of accidents in flour mills"	
(Adderly)	1:244-252
"Mechanical safeguarding of electric traveling cranes" (Smith)	6:737-752
"Mechanical ventilation of metal mines" (Rice)	6:1497-1504
"Medical administration of workmen's compensation laws"	
(Tucker)	7:260-270
Medical supervision, Purely	4:388
"Medical supervision, Standardization of systems of"	
(Schereschewsky)	4:403-406
"Medical supervision in small plants" (Patterson)	4:427-430
Medical supervision, see also Health supervision; Physical examination.	
"Medicine in the industries" (Price)	6:252-255
Medina, R. A., "Accessibility—Dealing with the importance of standard walks, platforms, stairs, ladders, etc."	4:148-152
Meek, C. E.:	
Presiding officer, Fire prevention session	2:38-67
"Progress in fire prevention methods"	2:38-40
"Safety idea as related to credit granting"	4:127-131
Meeker, Royal:	
Accident statistics committee report	3:22-25; 4:45-55; 5:33-39
Chairman, Governmental section meeting	3:74-109; 6:533-592
"Standardizing industrial accident statistics"	5:772-780
"Statistics as a means of reducing preventable accidents"	3:75-78
Meetings and rallies, Safety:	
"Moving picture mass-meetings for workmen" (Saunders)	7:158-162
"Successful methods of securing attendance at" (Dow)	7:145-149

Meetings of employees:	
Best hour for.....	6:135-137, 250-251, 252
On company time.....	6:94, 252
Type and time.....	6:502
Meetings of foremen, see Foremen and sub-foremen—Meetings.	
Membership and committee reports of Sections, see name of Section, subhead.	
Membership committee report.	
“Mental safety” (Kramer).....	7:859-860
Milner, C. B., “Methods and results of safety work in the plant of the Hammermill paper company”.....	7:562-566
Mercury poisoning	6:837, 838
Merrill, C. F., Discussion of paper, “Railroad trespassing”.....	5:1132-1136
Merrill, W. H., “Service”.....	3:303-305
Metal mining, see Mines and mining—Metal.	
Metals and metallurgy section: Nominating committee report.....	6:1276-1278
Metcalf, F. M., “How shall injuries resulting from train operation, other than collisions or derailments, be prevented?”.....	5:1211-1218
“Method of training and obtaining the co-operation of foundry foremen in safety work” (Watters).....	6:688-693
“Methods for progressive accident prevention campaign”	
(Barker)	1:258-261
“Methods of Health supervision, Practical experience with”	
(Clarke)	4:391-397
“Methods of instructing new motormen in their duties”	
(Adams)	5:305-313
“Methods of keeping superintendents and foremen interested in safety”	
(General round table meeting).....	5:95-105
“Michigan employers’ factory inspection plan” (Trix).....	1:199-204
Miles, H. E., “Training the apprentice”.....	1:211-218
Miller, Elam, “Danger of low-tension shocks”.....	4:334-340
Millers mutual casualty insurance company.....	1:248-252
Mills, Coal, see Coal mills.	
Mills, Sand, see Sand mills.	
Mines and mining:	
“Accident prevention in coal mines” (Hall).....	4:244-252
Accident statistics.....	4:230-244, 249-252
262-264; 5:516-517, 884-898, 940-941; 6:1395-1406, 1447-1448, 1497	
“Accident statistics” (Fay).....	5:884-898
Accident statistics in hoisting and slope haulage.....	5:934-991
Accident statistics, Discussion of.....	5:898-907
“Accident statistics, What each operator can do to aid”	
(Fay)	6:1395-1399
Bases for calculating accident rates.....	5:887-891
“Bureau of Mines as a factor in mine safety” (Manning).....	4:225-229
Contest medals	5:869
“Education of miners in First aid” (Boardman).....	5:1030-1038
“Education of miners in Safety” (Connibear).....	5:1025-1030
Electrical hazards in mines.....	4:229

Mines and mining:

PAGES

"Fatalities and diseases in coal mining districts" (Lynott).....	4:236-244
Fire protection	4:255-261
"Fires and their preventions" (Lloyd).....	6:1337-1340
First aid, Standard practices in mine rescue and.....	4:286-293
First aid contests.....	4:265-285
First aid training.....	5:931, 933-939
"Hazards and safeguards in anthracite breakers and washeries" (Glover)	7:1076-1080
Hazards of drilling operations.....	7:1034-1049
Methods of keeping statistics.....	7:1058-1064
"Mine accident prevention and workmen's compensation" (Wilson)	4:259-264
"Mine accidents and their prevention" (Davis).....	5:908-918
Operations of the Federal Bureau of mines.....	3:82-85
Plan for conducting Accident prevention campaign.....	4:227
"Practice of mine ventilation" (Mitke).....	7:1089-1093
"Progress of safety in mining" (Wilson).....	5:867-873
"Qualifications of a mine foreman" (Paul).....	5:929-932
"Rescue apparatus" (Cartlidge).....	5:1015-1020
"Rescue cars of the government" (Parker).....	6:1426-1436
Rescue contests and prizes awarded.....	4:265-285
"Results obtained by keeping mine accident records" (Fay)	7:1052-1058
"Safety devices on hoists" (Armstrong).....	1:104-107
"Safety in coal mining".....	1:8-17
"Safety in electrical installation" (Clark).....	4:253-255
"Safety in hoisting and slope haulage" (Hood).....	5:988-991
Sanitary rules for miners.....	6:1357-1358
"Sanitation as a safety factor" (White).....	4:229-236
Sanitation of coal mines.....	4:239-244
"Sanitation, Underground" (Borcherdt).....	5:978-986
"Sanitation, Underground mine" (Young and Lanza).....	6:1350-1358
"Signboards and signals" (Parker & Steidle).....	5:919-925
Signs and signals.....	5:919-929
Suggested form for Safety inspector's report (The Associated Companies)	5:950-953
Surgeons	4:242
"Testing mine rescue apparatus" (Pettibone).....	5:1039-1047
Use of explosives.....	4:227-228
Value of accurate reports.....	4:245-247
Ventilation of coal mines.....	1:14; 4:239-240
"What relation has labor turnover to mining accidents?" (Johnson)	7:1065-1066
"Workmen's compensation legislation and its effect on safety in mining" (Wilson)	5:940-950

Mines and mining—Metal:

Accident statistics	7:1053-1058
Accident statistics of New Jersey Zinc company.....	7:1055-1058
Classification of causes of accidents in an ore dressing plant.....	7:1081

Mines and mining—Metal:	PAGES
"Hazards and safeguards in ore dressing plants"	
(McKaig)	7:1080-1087
"Metal mine accidents and their prevention" (Sperr).....	5:1020-1025
"Metal Mines, Mechanical ventilation of" (Rice).....	6:1497-1504
"Standardization of mine cars in metal mines"	
(Raymond)	7:1071-1073
"System of safety inspection of the Cleveland-Cliffs iron company"	
(Connibear)	1:83-87
Ventilation	6:1353-1354, 1504-1509
Mines session	1:81-125
Mining Section:	
By-laws.....	4:223-225; 6:1525-1527
Chairman's report (Tillson).....	6:1328-1333
Delegates attending Session.....	5:863-866; 6:1326-1328; 7:1013-1014
First aid committee report.....	5:881
Lehigh Valley Local Council mining section by-laws.....	5:1069-1071
List of Mining members of the N. S. C.....	5:874-878
Membership and publicity committee report (Hall).....	6:1334
Membership committee report.....	5:873-874
Minutes of meetings.....	4:217-294; 5:361-1072; 6:1323-1527; 7:1011-1146
Nominating committee report.....	5:881-882; 6:1337, 1509-1510; 7:1139-1140
Organization and operation plan.....	5:1059-1068; 6:1518-1525
Personnel of committees for year 1917-1918.....	6:1518-1519
Report of Committee on Standardization of first aid methods and rules for conducting and judging first aid contests.....	7:1046-1049
Safe practices leaflets for.....	7:1140-1144
Standardization committee report.....	5:878-879; 6:1335-1336
"Minor injuries, Treatment of" (Colcord).....	6:302-315
Miscellaneous division	2:188-200
Miscellaneous manufacturers' division—Officers.....	6:828
"Mission of the municipal publicity expert" (Parsons).....	7:736-738
Mitchell, A. B., "Care of workmen employed in the manufacture of aniline and benzol products".....	5:1511-1514
Mitke, C. A., "Practice of mine ventilation".....	7:1089-1093
Mix, M. W.:	
Chairman, Manufacturer's session.....	3:267-296
"Education in accident prevention".....	1:219-223
"Manufacturers' associations as identified with safety first".....	2:113-116
"Safety as an investment".....	3:267-296
Mock, Dr. H. E.:	
"Human maintenance department for the industrial army".....	6:216-223
"Supervision of health of employes".....	5:733-742
"Modern idea of accident prevention" (Moses).....	7:666-673
"Modern methods of safeguarding" (Heelan).....	7:95-99
"Modern practical methods of accident prevention in small companies"	
(Maclachlan)	7:694-701
Moldenke, Dr. Richard:	
Address of chairman.....	4:678-680
Chairman, Foundry section meeting.....	4:673-693

CUMULATIVE INDEX

1213

	PAGES
Monetary returns of welfare work.....	6:212
Moore, M. G., "Safety measures in mines of central Pennsylvania".....	1:97-98
Moore, Dr. W. A., Opening prayer.....	5:1-2
Moorshead, A. J., "Equipment and organization of mine rescue stations".....	6:1407-1416
More, David, "Prevention of accidents due to the use of tools and machinery".....	6:1006-1014
Morey, A. T.:	
Address at banquet.....	4:645-647; 5:375-379
"Foundry floor practices".....	4:680-686
"Having the men with you".....	1:253-258
Invocation.....	6:1-2
Presiding officer, Business session.....	5:1-86
Reply to Address of Welcome.....	5:5-6
Report of President of N. S. C.....	5:7-13
Resolution of appreciation for his services as President of N. S. C.....	5:23-24
Resolutions committee report.....	3:26-28; 4:22-26; 6:18-21
Toastmaster, Banquet.....	5:375-405
Morgan, E. B.:	
Chairman, Foundry section meeting.....	7:821-838
Chairman, Iron and steel section meeting.....	5:598-601; 7:749-807
"Educational activities in the safety field".....	6:109-117
"Problems of returning injured men".....	6:1310-1315
"Safety in crane chain practice".....	4:613-621
Morley, R. B., "Public safety education in the public school".....	5:838-843
Morris, F. E.:	
Chairman, Iron and steel section meeting.....	7:808-820
"How to organize for safety".....	7:84-95
"Safe practices in sheet mills".....	6:1199-1207
Morris, S. S.:	
Discussion of J. M. Guild's paper.....	5:1186
"Protection of men working on and about tracks".....	6:1055-1057
Morrison, A. C., "Handling and storage of calcium carbide".....	7:1132-1137
Morrow, B. E., "Hazards of high-tension lines".....	4:344-347
Moses, H. W., "Modern idea of accident prevention".....	7:666-673
Motor and hand cars:	
Discussion of safe handling (Loughman).....	6:1033-1042
"Safe and proper operation of" (Watkins).....	6:1029-1033
"Motormen, Methods of instructing" (Adams).....	5:305-313
Moving picture machines and films.....	7:941-942
"Moving picture mass-meetings for workmen" (Saunders).....	7:158-160
Moving pictures in Safety work.....	4:545-552; 6:752-753
Mowery, H. W., "Making walking places safe".....	7:371-386
Mulligan, J. R., "First aid—Accident prevention".....	6:1295-1301
"Munitions and mechanical plants in Canada, Manhood conservation in" (Bates).....	6:836-841
Museums of safety, Foreign.....	2:16-17

"National Council for Industrial Safety and its mission" (Campbell)	2:68-74
National Council for Industrial Safety. See National Safety Council.	
National electrical safety code in its application to electric railway construction and operation" (Canada)	5:267-289
National Fire Protection Association co-operates with Conference committee on safety education	5:57-58
National Metal Trades Association	1:276
National Research Council record blank for physical examinations	7:257-259
National Safety Council:	
Bulletin service	7:1002-1008
Growth of	6:75-76
History	1:3-4,
315; 2:68-74, 188-192; 3:7-15; 4:9-18; 5:7-13; 6:4-12; 7:11-20	
Proposed amendment to change name to	3:26-28
Organization	1:3-4, 315; 2:68-74
Service	5:1243-1261
"Value of, to railroad safety organizations" (Richards)	4:542-545
"What it has done for us" (Bluemner)	7:557-558
See also National Council for Industrial Safety.	
"Nationalizing the safety idea" (Ring)	7:68-71
Naylon, J. F. "Safety practices in telephone work"	6:489-495
Near accidents	5:595-596
Near-side stops (Electric railway section)	5:193-194
"Necessity for reaching both the employer and employee in fire prevention" (Perkins)	2:65-67
"Necessity of inspection for overloaded floors" (Livingstone)	7:485-486
"Need for medical services and other benefits" (Bascom)	7:208-210
"Need for visiting nursing in industry" (Crandall)	6:315-322
"Need of safety standards for new textile machinery" (Beyer)	4:380-382
"Need of uniform safety standards" (Oakes)	7:619-624
Negroes:	
Special provisions for their welfare	6:1205-1206
Turnover and	6:1292-1295
Neill, C. P. "Organized safety—N. C. I. S."	2:74-81
New employees:	
Accidents due to	6:687, 729
Cost of training	6:722
Education of	6:504, 519
"Employment of new men and their liability to injury, especially in regard to foreign labor" (Carrow)	6:991-997
Examination on book of rules	6:959-966
Training in safety	6:957-958, 959-960; 7:992-997
New England Safety Council report	6:380-382; 7:181-182
New Haven Local Council report	5:84-88; 6:382-384; 7:173-174
"New ideas and methods to keep employees interested in safety work" (Dunlap)	7:586-591
New Jersey fire drills and fire protection	2:46-65

CUMULATIVE INDEX

1215

	PAGES
"New kinks in eye protection" (Park).....	6:1279-1283
New York Local Council report.....	4:100-102; 5:75-76; 6:389-390
Newbern, R. H., Discussion of W. B. Spaulding's paper.....	3:246-251
Newell, William:	
"General hazards of woodworking industry".....	4:706-708
"What could manufacturers of woodworking machines do to make their machines more safe?".....	6:1141-1143
News letters.....	6:1107-1108
Niagara Frontier Local Council report.....	6:405-406
Nicholl, H. A., "Some methods of securing and sustaining the co-operation of trainmen in accident prevention work".....	6:663-670
"Nitric and mixed acid, Fume poisoning from" (De Blois).....	5:1504-1510
Noland, Dr. Lloyd, "Organization of systems of First aid in plants".....	4:430-442
Nominating committees:	
Report of N. S. C.....	4:67-69; 5:46-49; 6:40-43; 7:44-46
For reports of section nominating committees, see name of section, subhead Nominating committee.	
Non-English speaking foreigner, see Foreign workmen.	
Noonan, V. T., "Safety program of the Rochester railway and light company".....	2:34-37
Norris, Henry, "How the Safety movement is helping the electric railway meet its problems".....	5:213-221
Northeastern Ohio Safety Council report.....	7:174-175
Northern California Safety Council report.....	7:171-172
Norton company's department of health and sanitation.....	4:391-397
"Number 19 orders," Handling.....	6:1103-1104
Nurses:	
Appraisal of services of industrial.....	6:321
Duties of industrial.....	6:320
"Need for visiting nurses in industry" (Crandall).....	6:315-322
Organizing a nursing system.....	6:271-272
Personality of.....	6:333-335
Plea for trained.....	6:273-274
Small plant problems.....	6:272-273
Visiting.....	6:1206
"Visiting nurse in industrial welfare work" (Wright).....	5:545-553
"Vital importance of the trained nurse in industrial welfare work" (Hughes).....	4:131-139
Nutt, B. W., Discussion on eye protection.....	7:833-838
Oakes, C. E., "Need of uniform safety standards".....	7:619-624
"Objections to Health supervision, Some of the" (Hamilton).....	4:424-427
O'Brien, W. L., Factory inspection in Kansas.....	1:73-75
"Occupational diseases" (Andrews).....	2:91-94
"Occupational diseases" (Hayhurst).....	5:640-646
Ochsner's fluid.....	6:305
Ordinances for regulation of traffic. See Traffic laws.	
Oedema.....	6:844

	PAGES
Office safety	5:1413
Officers of N. S. C.	3:297; 4:643-644; 5:379-380; 6:168-169; 7:187-189
Officers of Sections, see name of section, subhead. Nominating committee report.	
Oilers	5:434-435
Omaha Local Council report.....	6:398-399
Open-air meetings.....	6:366, 369-370, 413
Open hearth process:	
Furnaces	4:685-686
"Hazards" (Rice).....	6:1215-1222
"Safety in constructing and operating open hearth steel mills" (Greenwood)	5:493-500
"Safety in open-hearth operation" (Thorpe).....	5:485-492
"Openers, pickers, cards, etc., Hazard's of" (Swallow).....	4:368-373
"Operation of railroads. Relation between time lost on account of accidents and injuries and" (Anderson).....	6:968-975
"Cre dressing plants, Hazards and safeguards in" (McKaig).....	7:1080-1087
Organization of a co-operative safety society" (Van Schaack).....	1:252-253
Organization of N. S. C., New plan of.....	6:18-21
"Organization of systems of First aid in plants" (Noland).....	4:439-442
Organization, Safety:	
Electric railway company's plan with team captains.....	7:746
Electric railway section Standardization committee report.....	5:199-203
Gas company	6:499-500
"How to organize for safety" (Morris).....	7:84-95
"How to organize for safety" (Price).....	6:92-98
"How to secure the co-operation of superintendents, foremen and men" (Woedtke).....	7:517-528
"In the woodworking and logging industry" (Fellmer).....	6:1119-1124
Ludlow manufacturing associates' plan.....	5:362-363
Plan of safety section of U. S. Railroad Administration.....	7:865-867
Public safety organization outline (Campbell).....	5:812-823
"Sawmill, How to organize safety in" (Barker).....	5:424-429
Size of, clerical help, etc.....	7:103-110
Steamship company.....	6:601
"Organized safety—N. C. I. S." (Neill).....	2:74-81
Organized safety session.....	2:68-100
"Origin of Safety methods and prevention of infection" (Booth).....	5:533-541
Orth, G. A.:	
Address of chairman.....	6:879-880
Chairman, car builders' section meeting.....	6:879-940
"Handling materials—(a) cranes, (2) chains and cables, (c) auto truck and electrics".....	6:881-890
Osmer, Lynn, "A Prayer".....	4:354; 5:Preface p. iv
Oswald, Jacob, "Is supervision of beneficiaries necessary?".....	7:226-228
"Our foreigner; what are we doing to help him help himself?" (Young)	1:302-307
"Oven designed with relation to safety, Enameling" (Shaw).....	6:760-763

	PAGES
"Oxygen rescue apparatus and physiological effects on men, Status of" (Paul)	6:1436-1438
"Packing and plant handling of hazardous chemicals, with special reference to returned empties" (Laury)	6:874-877
Paige, C. E., "Safety wrinkles around a gas plant"	5:1425-1433
Painting steel cars	6:938-940
Palmer, H. W., "Safety as it is practiced in the Western lumber industry"	1:235-240
Palmer, L. R.:	
Accident statistics committee report prepared by Dr. Meeker	5:33-39
Address of President of N. S. C.	6:4-7
Chairman, 4th Division, General round table session	5:132-139
Chairman, Industrial preparedness committee	6:24-25
Chairman, Round table session	3:146-160, 203-233
Educational committee report	4:55-60
Presiding officer, Business session	6:1-52
Presiding officer, General session	6:53-79
Report of conference at Panama Pacific international exposition	4:76-77
Response at Banquet	5:381, 407
"Panama Canal, Some of the hygienic measures taken during the construction of" (Evans)	3:161-164
"Panama Pacific exposition" (Lively)	2:22-25
Panama Pacific exposition, Conference at	4:76-77
Paper and pulp industry:	
Accident statistics	5:1328-1329
Accident statistics of Hammermill paper company	7:565-566
Employment departments	4:318-320
Inspection methods	4:312-318
"Paper mill lighting" (Price)	5:1322-1327
Safeguarding machinery	4:297-301
Safety instructions and warnings for danger	4:305-312
Sanitation in paper mill	5:1375-1377
Woodyard hazards	4:301-305
Paper and pulp section:	
Accident causes and remedies committee report	5:1318-1321
Delegates attending session	7:555-556
Minutes of meetings	4:295-320; 5:1317-1379; 6:415-453; 7:555-580
Nominating committee	5:1377; 6:417-418
Round table	5:1371-1376
Safe Practices committee report (Pounsford)	6:416-417
Secretary's report (Pounsford)	6:415-416
Park, L. L., "New kinks in eye protection"	6:1279-1283
Parker, D. J., "Mine rescue cars of the government"	6:1426-1436
Parker, D. J. and Steidle, Edward, "Mine signboards and signals"	5:919-925
Parker, J. C., Discussion of F. C. Schwedtman's paper	3:285-289

Parresine:

"Experience with ambrine and parresine at Pittsfield works"
(Ashe)6:695-712

Formula for.....6:708

Parsons, D. E., "Mission of the municipal publicity expert".....7:736-738

Patterson, Dr. F. D.:

Accident causes and remedies committee report (Chemical
section)5:1483-1490

Address of Welcome.....4:3-5

Chairman, Universal danger signs sessions.....5:145-181

Danger sign committee report.....4:36-43; 5:39

"Industry's responsibility for the industrial cripple".....7:312-314

"Medical supervision in small plants".....4:427-430

"Present status of the protection of the worker in the lead industry
in the U. S.".....3:165-167

"Reduction of health hazards".....5:754-757

"Relation of workmen's compensation laws to the accident prevention
movement"5:955-966

Paul, J. W.:

"Qualifications of a mine foreman".....5:929-932

"Status of oxygen rescue apparatus and physiological effects on
men"6:1436-1438

Pearce, W. C., "Accident prevention in the electrical field".....6:523-530

"Peddling papers" (Banks).....5:1183-1184

"Pennsylvania department of labor and industry" (Jackson).....2:81-90

Penrose, Charles, "Station safeguarding".....5:1383-1410

Pension plan of Sears-Roebuck company.....6:1292-1293

Peoria Local Council report.....4:83

Perkins, Frances, "Necessity for reaching both the employer and employee
in fire prevention".....2:65-67

Perry, D. M., "Industrial betterment 'Special'".....1:224-227

Perry, Rev. J. D., Opening Prayer.....4:1-2

Pettibone, C. E., "Testing mine rescue apparatus".....5:1039-1047

Pettibone, Dr. E. L., "Dental clinic as an efficiency factor in increasing
production"7:319-322

Petty, D. M.:

Discussion of W. P. Strickland's paper.....7:800-801

"Electric hazards".....5:570-578

Pfantz, Dr. G. B.....6:975

Phelps, L. A., "Employment, medical supervision and safety".....5:679-686

Philadelphia Local Council report.....3:58-59; 6:396-398

Photographs, Use of.....6:796

"Physical condition of workshops where women are employed"
(Copp)7:434-438

Physical examination of employees:

Canadian munitions board's system.....6:837-838

Character of examinations.....6:241-245

Chicago tubercular institute's campaign (Sachs).....3:181-182

Discussion by Dr. A. M. Harvey.....3:183-184

Physical examination of employes:	PAGES
Discussion by Dr. G. M. Price.....	3:179-180
General discussion.....	3:179-194, 214-220, 222
Medical and physical inspection of employes (Ashe).....	5:1285-1293
Model record blank.....	7:257-259
"Physical examination of employes" (Post).....	5:628-633
"Physical examination of workers" (Schereschewsky).....	3:172-179
Question of less rigid examination during present labor situation.....	6:239
Re-examinations (Mock).....	5:734-737
Relation to employment department (Young).....	5:521
Relation to labor turnover.....	6:445-446
Relationship between accident prevention, employment and.....	7:670-673
Report of Standardization committee of Electric street railway section.....	5:199
Standard report forms.....	6:197-198
Toledo railways and light company.....	6:233-234
Value (Booth).....	5:537-538
See also Health supervision.	
"Physicians in industry" (Selby).....	7:324-333
Picker machine.....	6:470
"Pickers, cards, openers, etc., Hazards of" (Swallow).....	4:368-373
"Picric acid and trinitrotoluol, Prevention and treatment of cases of poisoning by" (Chaffee).....	6:866-869
Pits, Cinder, see Cinder pits.	
Pits, Drop, see Drop pits.	
Pittsburgh Local Council report.....	4:85-87; 5:69-72
"Pla-Safe game".....	5:209
"Placing women in industry" (Ashe).....	7:817-820
"Planers, Safeguarding of joiners and" (Barker).....	4:709-713
Planing mill edger, see Edgers-Planing mill.	
"Plant picnics and massmeetings and their relation to safety".....	5:1371-1375
"Plant railroad hazards" (Baltzell).....	7:775-778
Platforms, Standard.....	4:148-152
"Pneumatic tools, Effects of the use on the nervous system" (Barnes).....	7:1029-1033
"Poisoning in the manufacturing of airplane wings, Dope" (Hamilton).....	6:549-558
Poles, Stepping of.....	6:495-496
"Police and fire" (Atwood).....	5:586-595
Police call system, Gamewell.....	5:590
Porter, H. J. F., "Exist facilities".....	2:40-48
Post, Dr. W. E., "Physical examination of employes".....	5:628-633
Potter, E. F., Discussion of S. M. Braden's paper.....	1:178-182
Pounsford, A. G.: Safe practice committee report (Paper and pulp section).....	6:416-417
"Safety in the plants of the Ontario pulp and paper manufacturers' safety association, Toronto, Canada".....	5:1352-1358
Secretary's report (Paper and pulp section).....	6:415-416

Power houses:	
Accident statistics.....	5:282, 298
"Power houses, Hazards of" (Fisher).....	5:281-287
Power presses:	
Clutch-starting mechanism for multiple presses.....	6:917,918
Grounding punch presses.....	6:826-827
Hydraulic	6:907-908
In automobile factory.....	6:767-769
Method of removing dies from large presses.....	6:911-912
Press forming work.....	6:906-911
"Safe operation of punch presses" (Roach).....	7:480-484
"Practical aspects of public safety work" (Burgess).....	5:846-859
"Practical experience with methods of health supervision" (Clarke)	4:391-397
"Practical health work for the industries, large and small" (Darlington)	7:249-257
"Practical results obtained in safety" (Forster).....	3:137-142
"Practical shop safety" (Bird).....	1:218-219
"Practical welfare work in foundries" (Ashe).....	6:728-737
"Practice of mine ventilation" (Mitke).....	7:1089-1093
Prayer; Safety (Osmer).....	4:354; 5:Preface p. iv
Prayer opening First Co-operative Safety Congress.....	1:7
Prayer opening the Fourth Annual Meeting of the N. S. C.....	4:1-2
Prayer opening the Fifth Annual Meeting of the N. S. C.....	5:1-2
Prayer opening the Sixth Annual Meeting of the N. S. C.....	6:1-2
Prayer opening the Seventh Annual Meeting of the N. S. C.....	7:7-8
"Present status of the protection of the worker in the lead industry in the U. S." (Patterson).....	3:165-167
President's annual address:	
(Campbell)	3:7-15; 4:9-18
(Morey)	5:7-13
(Palmer)	6:4-7
(Van Schaack).....	7:11-20
Presses, Punch, see Punch presses.	
"Prevention and treatment of cases of poisoning by trinitrotoluol and picric acid" (Chaffee).....	6:866-869
"Prevention of accidents" (Richards).....	5:1093-1104
"Preventing of accidents between street cars and automobiles" (Low)	5:225-235
"Prevention of accidents due to coupling and uncoupling cars" (Switzer)	7:925-928
"Prevention of accidents due to employes getting on and off moving cars and engines" (Boltzell).....	6:1043-1047
"Prevention of accidents due to the use of tools and machinery" (More)	6:1006-1014
"Prevention of accidents in railroad shops and roundhouses" (Bradshaw)	1:153-160
"Prevention of accidents to trainmen—what can and has been done" (Braden)	1:166-178

Price, C. W.:

Chairman, General round table meeting.....	4:717-759
Chairman, Local Council officers and committeemen's special meeting	6:365-375; 7:133-163
Chairman, Round table sessions.....	2:141-187
"How to organize for safety".....	6:92-98
"Paper mill lighting".....	5:1322-1327
"Safety as insured by state bureaus".....	2:107-113
"Safety in U. S. Government work".....	6:533-538
"Wisconsin Industrial commission plan of promoting safety".....	1:61-66
Work with United States Employees' Compensation Commission	6:118-119

Price, Dr. G. M.:

Discussion of Dr. J. W. Schereschewsky's paper.....	3:179-180
"Health problems in the chemical industries".....	5:1490-1495
"Industrial sanitary standards".....	3:195-197
"Medicine in the industries".....	6:252-255
"Systems of health supervision".....	4:386-390

Price, J. P., Report of educational work.....

5:54

"Printing, bleaching, dyeing and finishing, Hazards of" (Hale).....4:376-380

Pritchett, E. K.:

Chairman, Logging, lumbering and woodworking section meeting	5:407-444
Chairman, Woodworking section meeting.....	6:1111-1143; 7:585-613

Prizes:

Best papers on some subject related to safety.....	6:668
Bonus system in safety work.....	5:97-99
Contest conducted by Columbus railway, power and light company	5:249
For essays on safety work.....	6:502
For good safety records.....	7:812-813
For suggestions.....	3:212; 6:726
Inland steel company's method.....	6:131
Methods of rewarding employees.....	7:909-910
"To employees or committeemen for safety work" (Wilson).....	4:501-503
Value in stimulating safety work.....	5:131-139
"Problems in the sanitation and ventilation of textile mills" (Dolke)	6:456-466
"Problems of returning injured men" (Morgan).....	6:1310-1315
Proceedings, Printing of.....	5:40-46
Production increased by welfare work.....	6:212
Profit-sharing pension plan of Sears-Roebuck Company.....	6:1292, 1293
Program committee report—N. S. C. (Cameron).....	4:22; 5:17; 6:18; 7:27
Program committee reports of Sections, see name of Section, subhead, Program committee report.	
"Progress and possibilities of accident prevention work" (Dow).....	6:66-79
"Progress in fire prevention methods" (Meek).....	2:38-40
"Progress of safety in iron and steel industry" (Chaney).....	5:455-465
Promotion of sub-foremen influenced by record in safety work.....	6:134-135

	PAGES.
Promotion policy.....	6:450-451
Prone pressure method of artificial respiration, see Resuscitation—Prone pressure method.	
Prosser, C. A., "Technical re-education of the war cripple".....	7:296-299
"Protecting women in industry" (Semple).....	6:54-65
"Protection of men working on and about tracks" (Morris).....	6:1055-1057
Psychology in safety work.....	7:89
Public, Education of the, see Education of the Public.	
Public accidents, Analyzing.....	6:349-350
"Public accidents—what they mean in monetary value" (Whitney)	7:402-406
"Public in cooperative accident prevention, Public utilities companies interesting the" (Spoehrer).....	7:652-660
Public safety:	
Accident statistics.....	7:403-406
Chicago railways' work.....	2:26-27
"City planning as related to" (Adams and Bartholomew).....	7:355-364
General discussion.....	5:825-829
Organization of activities as outlined by R. W. Campbell.....	5:812-823
"Practical aspects of Public Safety work".....	5:846-859
"Problem of" (Whittle).....	3:127-137
"Public safety" (Hoffman).....	7:364-368
Public safety commission of Chicago and Cook County.....	2:127-137
"Public safety education in the public schools" (Morley).....	5:838-843
"Public safety work of public service companies" (Bullock).....	5:801-809
"Railroads and" (Wilson).....	4:118-127, 458-466
Rally of Buffalo Local Council.....	3:379-380
Report of committee on (Talbert).....	7:43
Rochester campaign	7:390-392
"Street traffic regulations in relation to public safety" (Eno).....	5:829-834
Public safety section:	
Minutes of meetings.....	5:797-860; 6:341-364; 7:349-408
Nominating committee report.....	5:860; 6:359; 7:401
Plan and scope committee report.....	6:359-360
Program committee report.....	7:387-388
Public utilities companies:	
"Accident prevention in small companies" (MacLachlan).....	7:694-701
Accident statistics	5:513-514
Boston Edison company's experience of time lost through accident and sickness	7:672
Conclusions from the study of accident statistics.....	7:668
"Public safety work of" (Bullock).....	5:801-809
Results accomplished by safety work—Statistics.....	7:684-685
Results obtained by safety organizations.....	7:653
"Rochester railway and light company's safety program" (Noonan)	2:34-37
"Safety as a means of bettering the relations between the public and" (Insull)	3:234-239

Public Utilities section:

Delegates attending session.....	7:649-715
Membership committee report.....	6:487-488
Minutes of meetings.....	4:321-448; 5:1381-1445; 6:483-531; 7:649-715
Nominating committee reports.....	5:1424-1425; 6:488, 497; 7:705, 715
Program and publicity committee report.....	6:485-486
Safe practices committee report.....	6:486-487
Safe practice pamphlets recommended.....	7:650
Publicity for safety:	
"Mission of the municipal publicity expert" (Parsons).....	7:736-738
National safety first billboard and other means.....	7:741-745
"Nationalizing the safety idea" (Ring).....	7:68-71
Pumps (Mining equipment).....	6:1467-1468, 1473-1474, 1480-1482
Punch boxes.....	6:476
Punch presses, see Power presses.	
Purchasing department's relation to safety.....	1:230
Purifier boxes.....	6:508-509
 "Qualifications of a mine foreman" (Paul).....	 5:929-932
Quarries	4:193-196
Quarry accidents	5:321-322
"Quarry and mill, Safe practices in" (Baker).....	5:334-345
Questionnaires	6:824-826

Railroad Section, see Steam Railroad Section.

Railroad trespassing, see Trespassing on railroads.

Railroad, Warehouse and Public Service Commissions, Anti-trespass law recommended by the special committee of the National Convention of

Railroads:

Accident statistics	1:18-20,
23-25; 4:121-123, 461-462, 482-501; 5:512-513, 1099; 6:73-74; 7:861	
Cost of accidents.....	7:861-862
Decrease in accidents.....	7:893
Discussion of shop accidents.....	5:1202-1211
Grade crossing accidents.....	4:482-501
"How shall injuries resulting from train operation, other than collisions or derailments, be prevented?" (Metcalf).....	5:1211-1218
Interstate commerce commission's safety measures.....	1:18-35
Intra-yard	6:1194-1196
Letter from U. S. Railroad administration authorizing membership in N. S. C.....	7:847
"Most frequent causes of injury to track and bridge men and the best way to eliminate these causes" (Banks).....	5:1187-1190
"Plant hazards" (Baltzell).....	7:775-778
"Prevention of accidents" (Richards).....	5:1093-1104
"Prevention of accidents in shops and roundhouses" (Bradshaw)	1:153-160
Prizes for safety work.....	4:501-505

Railroads:	PAGES
"Public safety and the" (Wilson).....	4:118-127, 458-466
Question of hiring men who have been dismissed by some other road because of violations of safety rules.....	5:1261-1263
Relation of the officers of railroad companies to the safety-first organizations	5:1177-1187
Safety appliance acts.....	1:21-23
Safety appliances required by Interstate commerce commission	7:981-989
Safety committees	5:1158-1173
"Safety in transportation".....	2:116-124
"Safety problems of" (Spaulding).....	3:239-246
Safety work conducted on.....	4:453-457
Section men, Prevention of accidents to.....	5:1190-1197
"Shop accidents" (Winston).....	5:1197-1202
What the passenger should do to prevent accidents	5:1107-1109, 1113-1114
What they have done and are doing for the passenger's safety	5:1104-1107, 1109-1113
See also Electric Railway Section, Steam Railroad Section.	
Railroads, Plant, Safety standards for.....	7:780-783
Rails, Loading and unloading of.....	6:1021-1022
Rasmussen, W. R.: Western Pennsylvania division plan.....	7:134-142
Rausch, C. C., "What the government is doing in safety engineering"	7:756-759
Ray, R. R.:	
Acting chairman, Nominating committee.....	6:40-43
"Sheet metal handling".....	6:766-770
Raymond, R. M., "Standardization of mine cars in metal mines"	7:1071-1073
Reaching officers and obtaining their co-operation (Steam railroad section round table meeting).....	7:955-971
Reading Local Council report.....	6:376
"Real problem of the safety engineer" (Hook).....	7:81-83
"Reaming, riveting and drilling" (Guilbert).....	6:918-927
Reber, L. E., Report of Educational committee.....	5:49-55
"Recent application of safety devices to textile machinery as seen from the machine builders' viewpoint" (Beyer).....	6:479-482
"Recognition of the surgeon in industrial operations" (Sherman).....	1:291-297
Red Cross examinations.....	4:446-447
"Red Cross, Industrial first-aid by the American" (Shields).....	1:36-45
Red Cross Society co-operates with Conference committee on Safety education, American	5:57-58
Redfern, J. N., "Mutual value to employer and employe of a benefit association"	5:1448-1452
Reduction of accidents, Methods for, see Education of workmen.	
"Reduction of health hazards" (Patterson).....	5:754-757
Reed, M. W., "Hoisting ropes".....	7:1106-1112
"Re-education of the war cripple, Technical" (Prosser).....	7:296-299

	PAGES
"Re-employment of the war cripple" (Little).....	7:301-306
Reflectors, Lamp (illus.).....	5:1324-1325
"Regulation, Standardized Federal and State Safety" (Rosa).....	5:786-792
Re-habilitation of the injured, see Soldiers, Injured; Workmen, Injured.	
Reid, S. H., Discussion of Wills Maclachlan's paper.....	7:694-701
"Relation between time lost on account of accidents and injuries and the operation of railroads" (Anderson).....	6:968-975
"Relation of compensation to safety" (Crownhart).....	1:57-61
"Relation of employment department to general safety problem in paper mills" (Stokes).....	4:318-320
"Relation of industrial sanitation to public health" (Young).....	3:200-202
"Relation of the eight-hour day to safety" (Jackson).....	5:1359-1368
"Relation of workmen's compensation laws to the accident prevention movement" (Patterson).....	5:955-966
Reninger, H. A., "Safeguarding conveyors and elevators".....	4:189-192
Report forms:	
Absenteeism (weekly).....	6:200-201
Accident report blank code (Penn. dept. of labor and industry).....	5:1487-1490
First report of accident to employee.....	3:23-24
Health service section standard forms committee report.....	6:196-202
Labor turnover.....	6:201-202
Physical examination.....	6:197-198
Railroad.....	6:1062-1063, 1107
Recommendation for standard form for first report of accident to employe.....	5:38
Sickness (weekly).....	6:199-200
Suggested forms for classification of causes of railroad accidents.....	5:1080-1081
Suggested form for safety inspector's report (The Associated companies).....	5:950-953
Reporting of accidents (Cement industry).....	5:351-354
"Rescue apparatus and physiological effects on men, Status of oxygen" (Paul).....	6:1436-1438
"Rescue cars of the government, Mine" (Parker).....	6:1426-1436
"Rescue stations, Equipment and organization of mine" (Moorshead).....	6:1407-1416
Rescue teams, Training and apparatus of mine.....	6:1416-1419
Resolution deprecating use of alcoholic drinks.....	3:221, 267
Resolutions committee report:	
(Campbell).....	5:17-25
(Morey).....	3:26-28; 48:22-26; 6:18-21, 45
(Robertson).....	7:27-28
Resolutions of Association of iron and steel electrical engineers re; a national safety organization.....	1:3-4
Respirators:	
Chemical industries.....	6:842-843, 845-847, 852, 870-871
Mine use.....	7:1036-1039

	PAGES
Responsibility for accidents:	
Putting the blame on one man.....	6:1242-1243
Superintendents and foremen.....	5:95-97
"Responsibility of explosives manufacture and handling"	
(De Blois)	7:616-619
"Responsibility of the state to the industrial cripple" (Mackey).....	7:309-312
"Results accomplished" (McCurdy).....	4:397-403
Results accomplished by safety work among electric railway companies	5:213-221
"Results obtained by keeping mine accident records" (Fay).....	7:1052-1058
"Results obtained in Safety" (Forster).....	3:137-142
Resuscitation:	
"Comparative manual methods" (Harmer).....	7:705-711
Experience with (Strickland).....	7:711-712
Experiences of various members with.....	6:1272-1276
From electric shock—Standard directions for.....	4:29-30
"From electric shock, traumatic shock, drowning and asphyxiation from every cause by means of artificial respiration"	
(Lauffer)	6:323-327
Mode and mechanism of prone-pressure method.....	6:1266-1267
Prone pressure method illustrated.....	4:28; 7:713
Prone-pressure method should be taught all employees.....	6:520
Sylvester-Laborde method	6:323
"Review of educational methods" (Elam).....	7:803-807
"Review of electrical hazards" (Strickland).....	7:795-799
"Reward of thought for others" (Howarth).....	6:420-423
Rhodes, J. E., "What Southern pine mills are doing to reduce personal injuries"	7:602-604
Rice, G. S., "Mechanical ventilation of metal mines".....	6:1497-1504
Rice, L. M., "Open-hearth hazards".....	6:1215-1222
Richards, R. C.:	
Address at Banquet.....	5:382-385
Opening remarks, Transportation session.....	1:129-134
Presiding officer, Transportation session.....	1:129-191
"Prevention of accidents".....	5:1093-1104
Reduction of accidents by law.....	1:52-53
"Safety in transportation".....	2:116-124
"Value of the National Safety Council to railroad safety organizations"	4:542-545
Ring, John, Jr., "Nationalizing the safety idea".....	7:68-71
"Rip saw accidents and their prevention" (Lovett).....	6:1124-1129
Risteen, Dr. A. D.:	
"Inspection of crane chains".....	4:625-628
"Safety inspection methods for large and small paper mills".....	4:312-318
Riveting	6:1108
"Riveting, drilling and reaming" (Guilbert).....	6:918-927
Roach, John, "Need for uniform standards in the manufacture and shipment of explosives".....	6:564-567

	PAGES
Roach, W. W., "Safe punch press operation".....	7:480-484
Roberts, J. C., "Safety measures in the Rocky mountain mining district"	1:98-103
Roberts, Dr. Peter, Report of educational work.....	5:53-54
Robertson, H. H.: Resolutions committee report.....	7:27-28
Robertson, J. A.:	
Chairman, 2nd division, General round table session.....	5:106-116
"Effective co-operation between employers and employee".....	3:289-293
Robertson, L. B., Discussion of J. A. Robertson's paper.....	3:293-296
Robinson, F. S., "Benefits of accident prevention in contracting".....	7:547-550
Roche, J. L., "How the attitude of the public toward the railroad company is influenced by systematic safety work".....	5:205-213
Rochester Local Council report.....	3:60-67; 4:94-100; 6:392-396; 7:167-170
Rochester public safety campaign.....	7:390-392
Rochester railway & light company's safety program.....	2:34-37
Rockwell, J. S.:	
"Highway crossing accidents—their causes, and how they can be reduced"	5:1141-1148
"Why participation in war makes necessary increased endeavors along safety lines".....	6:954-958
Rohweder, A. V., Discussion of C. W. Hammond's paper.....	7:899-900
Roll gears, see Gears, Roll.	
Rollers, Drawing-off	6:477-478
Rollers, Feed	6:475
Rolling mills:	
Discussion of safety in.....	5:569-570
"Safety in operation of" (Hook).....	5:563-568
Ropes:	
Bending stresses in wire.....	6:1378-1379
"Early foreign history of" (Sigafos).....	6:1365-1375
General discussion of hoisting.....	6:1376-1394
"Hoisting" (Reed)	7:1106-1112
Shaft	5:994-1003
Tests of	6:1377
Rosa, Dr. E. B.:	
Chairman, Public utilities section meeting.....	4:321-354
"Standardized Federal and state safety regulation".....	5:786-792
Rose, J. C., "Automobile grade crossing accidents".....	4:482-487
Rosseland, F. N., "Ideal Local program for large-sized communities"	7:150-155
Round table session, General.....	
.....	2:141-187; 3:146-160, 203-233; 4:717-759; 5:91-144; 6:125-166
Rousseau, A., "Indian Hill development".....	7:570-573
Rubber mats	6:529-530
Rule books in foreign languages.....	6:936
"Rules and regulations for traveling cranes" (Bowie).....	6:890-897
Rules, Safety:	
Employee must sign after becoming familiar with them.....	6:504

Rules, Safety:	PAGES
Formulating	6:138-139
Rule books for foremen and workmen.....	2:158-159
Violation of	6:965-967
Sachs, Dr. T. B., Discussion of Dr. J. W. Schereschewsky's paper.....	3:181-182
"Safe construction of scaffolds and falsework" (Foltz).....	7:528-537
"Safe contracting" (Greensfelder).....	7:537-539
Safe load for chains.....	4:614-621
"Safe and proper handling of track, bridge and building material" (Broderick)	6:1020-1025
"Safe and proper operation of hand and motor cars" (Watkins)	6:1029-1033
Safe Practices committee report—N. S. C. (Young)	5:25-29; 6:21-24; 7:28-30
Safe Practices committee reports of Sections, see name of Section, sub- head, Safe Practices committee report.	
"Safe practices in quarry and mill" (Baker).....	5:334-345
"Safe practices in sheet mills" (Morris).....	6:1199-1207
Safeguarding a laundry.....	4:205-207
"Safeguarding belts and shafts" (Gunagan).....	4:157-165
"Safeguarding coal mills" (Young).....	4:180-184
"Safeguarding conveyors and elevators" (Reninger).....	4:189-192
"Safeguarding machinery and other equipment" (Lynch).....	7:550-554
"Safeguarding machinery for making paper" (Walsh).....	4:297-301
"Safeguarding machines and tools" (Woltz).....	4:594-598
"Safeguarding of bins, hoppers and tanks" (Hill).....	4:171-176
"Safeguarding of joiners and planers" (Barker).....	4:709-713
Safeguarding of machinery section meeting.....	4:593-639
"Safeguarding quarries" (Croll).....	4:193-196
Safeguarding standards, see Standards, Safeguarding.	
"Safeguarding the most hazardous machines in woodworking plants" (Burr)	5:429-444
"Safeguarding, Fundamental principles of" (Young).....	6:98-109
"Safeguarding, Modern methods of" (Heelan).....	7:95-99
"Safeguards for abrasive machinery" (Tolsted).....	4:602-609
"Safeguards for air compressors" (Eales).....	6:609-613
"Safeguards in shops, Construction of and cost of" (Guilbert).....	4:598-602
"Safeguards, Standardization of" (Hansen).....	4:139-146
Safety agent, see Agent, Safety.	
"Safety and efficiency—how a new member tackles the problem" (Harvey)	5:257-265
"Safety and the foremen" (Herbert).....	6:1229-1238
"Safety and warfare" (Forster).....	7:62-68
Safety and welfare activities of members of Electric railway section	6:612-613
"Safety as a part of the education of an engineer" (Connelley).....	3:110-119
"Safety as an asset to manufacturers" (Mix).....	3:267-296
"Safety as an indispensable part of an efficient manufacturing organiza- tion" (Tener).....	4:106-112

CUMULATIVE INDEX

1229

	PAGES
"Safety as an investment" (Mix)	3:267-296
"Safety as applied to overhead cranes" (Smith)	4:629-639
"Safety as insured by systematic fire and panic drills" (Bryan)	1:78-80
"Safety as it is practiced in the Western lumber industry" (Palmer)	1:235-240
"Safety as promoted by Federal Bureaus" (Chaney)	2:101-107
"Safety at blast furnaces" (Wilcox)	5:465-479
Safety campaign, How to start a (N. S. C. bulletin)	4:720-722
"Safety committee work in paper mills" (Altman)	5:1341-1348
Safety committees, see Committees, Safety.	
"Safety devices on electric street and interurban cars" (Cross)	5:292-305
"Safety devices on mine hoists" (Armstrong)	1:104-107
"Safety education, How graphic charts and bulletins help in" (Clapp)	5:243-250
Safety education, Report of the Conference committee on (Wheaton)	5:55-60
Safety education, see Education, Safety.	
Safety engineers, see Engineers, Safety.	
Safety exhibitions, see Exhibition, Safety.	
Safety first federation of America, Greetings to	4:22-23
"Safety first in coastwise shipping" (Wylie)	6:598-602
"Safety first in Europe" (Jackson)	3:86-99
"Safety from an economic viewpoint" (Day)	5:1419-1424
"Safety idea as related to credit granting" (Meek)	4:127-131
"Safety idea, Development of" (McCormick)	4:112-118
"Safety in Bessemer operations" (Ayres)	5:480-484
"Safety in coal mining" (Holmes)	1:8-17
"Safety in coke oven operations" (Burr)	5:554-560
"Safety in constructing and operating open hearth steel mills" (Greenwood)	5:493-500
"Safety in crane chain practice" (Morgan)	4:613-621
"Safety in electrical installation in mines" (Clark)	4:253-255
"Safety in hoisting and slope haulage" (Hood)	5:988-991
"Safety in iron and steel industry, Progress of" (Chaney)	5:455-465
"Safety in open-hearth operations" (Thorpe)	5:485-492
"Safety in operating lumber yards" (Seidel)	7:591-597
"Safety in rolling mill operations" (Hook)	5:563-568
"Safety in Southern cotton mills" (Bragdon)	5:367-372
"Safety in the home" (Forster)	7:447-451
"Safety in the iron and steel industry" (Campbell)	1:279-291
"Safety in the steel mill of today" (Burr)	7:814-817
"Safety in the use of explosives" (La Motte)	7:1115-1126
"Safety in United States Government work" (Price)	6:533-538
"Safety in yard practices" (Bennett)	6:1193-1197
"Safety inspection methods for large and small paper mills" (Riste)	4:312-318
"Safety instruction in the schools" (Wilson)	7:452-462
"Safety instructions and warnings for specific dangers in paper mills" (Williamson)	4:309-312

	PAGES
"Safety instructions and warnings for specific dangers in paper plants" (Gleason)	4:305-309
"Safety, Fundamental principles of" (Carrow)	7:889-892
"Safety, loyalty and efficiency" (Abbott)	6:975-980
"Safety measures in coal mines in Illinois"	1:122-125
"Safety measures in mines in the Southern Appalachian district" (Crockard)	1:107-114
"Safety measures in mines of Central Pennsylvania" (Moore)	1:97-98
"Safety measures in the bituminous coal mines of Western Pennsylvania" (Wilson)	1:114-122
"Safety measures in the Rocky Mountain mining district" (Roberts)	1:98-103
Safety methods—History	5:533-541
Safety movement—History	1:3-4, 54; 3:301
"Safety organization in the woodworking and logging industry" (Fellmer)	6:1119-1124
"Safety practices in telephone work" (Naylon)	6:489-495
"Safety precautions in the installation of electrical apparatus in mines" (Bright)	6:1461-1482
"Safety problems in the highways of the municipality" (Eno)	3:256-264
"Safety problems of the railroads" (Spaulding)	3:239-246
"Safety provisions in the textile industry abroad" (Caider)	4:355-368
Safety, Public, see Public Safety.	
"Safety regulation, Standardized Federal and State" (Rosa)	5:786-792
"Safety rules and organization in logging camps" (Goodman)	6:1111-1118
Safety signs, see Signs.	
"Safety work as it applies to the operation of electric generating and sub-station" (Burton)	6:514-521
"Safety work in gas companies" (Davies)	6:498-513
"Safety work of the Ludlow manufacturing associates" (Fogler)	5:361-366
"Safety wrinkles around a gas plant," with illus. (Paige)	5:1425-1433
St. Louis, Mo., Invitation to hold Safety Congress in	6:43-44
St. Louis accident map	7:363-364
St. Louis Local Council report	6:385
St. Louis plan for regulating the height, area and use of buildings—a public safety measure	7:362-364
San Francisco Local Council report	3:67
Sand blasting	6:774-777
Sand buckets	4:683-684
Sand mills	4:685
Sanitation:	
Hygienic survey of arsenals and navy yards	6:546
"Industrial sanitary standards" (Price)	3:195-197
"Relation of industrial sanitation to public health" (Young)	3:200-202
"Sanitary standards in industry" (Cousins)	6:267-271
Sanitary supervision	4:387-388, 396
"Sanitation" (Darlington)	1:307-313
Sanitation, see also specific subjects, subhead Sanitation.	

Saunders, E. B.:

"Moving picture mass-meetings for workmen".....7:158-160

Sawmill edger, see Edgers—Sawmill..

Sawmills:

"Are sawmill industries keeping pace with accident prevention progress?"7:604-608

"How to organize safety in" (Barker).....5:424-429

"What Southern pine mills are doing to reduce personal injuries" (Rhodes)7:602-604

Saws:

"Band re-saw, band rip saw, circular trim and cut-off saw accidents and their prevention" (Harris).....6:1133-1136

Circular6:821-824

Cut-off (illus.).....5:443-444

Hot6:806

"Rip saw accidents and their prevention" (Lovett).....6:1124-1129

Saw carriage accidents.....5:430-431

Trimmer (illus.).....5:441

Scaffolding, Portable.....5:1434-1435, 1441

Scaffolds—Accidents—Statistics7:529

"Scaffolds and falsework, Safe construction of" (Foltz).....7:528-537

Schaefer method of artificial respiration, see Resuscitation—Prone-pressure method.

Schereschewsky, Dr. J. W.:

Chairman, Industrial hygiene session.....3:195-202

Discussion of Dr. R. C. Cabot's paper.....5:708-709

Industrial hygiene committee report.....3:31-33; 4:28-30

"Physical examination of workers".....3:172-179

Report of Committee on standard forms relating to the conservation of the health of workers.....6:196-202

"Standardization of systems of medical supervision".....4:403-406

"Standards of industrial hygiene".....5:760-768

Schermerhorn, James:

Address at Banquet.....5:385-398

"First set of four's".....7:195-201

Scholz, Carl, "Standardization of mine cars in coal mines".....6:1486-1491

School of instruction for electric railway employes.....6:672-675

Schools, Safety work in:

Certificates of safety.....2:19-20

Electric railway companies' methods.....5:218, 260-261

General discussion.....5:141-144, 843-847

Methods of getting safety first into the public schools.....7:128-131

"Public safety education in the public schools" (Morley).....5:838-843

Public school function in accident prevention.....6:1300-1301

Safety first lessons.....5:809-810

"Safety instruction in the schools" (Wilson).....7:452-462

Safety patrols.....5:841-842

See also Children, Safety work with.

Schwedtmann, F. C.:	
"Co-operation in safety work among manufacturers and trade associations	3:276-281
Presiding officer, Allied associations sessions.....	1:241-276
Scoreboards in safety campaigns.....	5:99-100; 6:982
Scott, C. B.:	
Chairman, Public utilities section meeting.....	7:649-715
Discussion of Herman Spoehrer's paper.....	7:660-662
Finance committee report.....	4:32-35
"Linemen and their hazards".....	4:327-330
"Report on investigation of automobile hazards".....	6:631-647
"What does the safety worker want the president of his company to know".....	6:615-619
Scouts, Safety.....	5:218
Scoville, E. R., "How should the members of safety committees be selected and for what length of time should they serve?".....	5:1158-1164
Screw conveyors	4:191-192
Searle, W. A., "Another side of the problem".....	3:264-266
Sears-Roebuck profit-sharing pension plan.....	6:1292-1293
Seattle Safety Council report.....	7:178-179
Secretary's report—N. S. C. (Cameron).....	3:15-20; 4:19-22; 5:13; 6:8-12
Secretary's report—N. S. C., see also General Manager's report.	
Secretary's report, Sectional, see name of Section, subhead, Secretary's report.	
Section men, see Trackmen.	
Sectional organizations.....	4:61-64
Sectional work of the National Safety Council.....	4:746-747
"See Clear Compound" for goggles.....	6:843
Seidel, Julius, "Safety in operating lumber yards".....	7:591-597
Selby, Dr. C. D., "Physicians in industry".....	7:324-333
"Self-seeker" (poem).....	5:959-965
Selling coal at cost to employees.....	6:735
Selling safety:	
"How to organize for safety" (Morris).....	7:84-95
"Real problem of the safety engineer" (Hook).....	7:81-83
"To employees" (Lynch).....	7:487-492
To the "big boss".....	7:110-124
Sample, Mrs. Samuel:	
"Protecting women in industry".....	6:54-65
"Women in industry, their work and their health".....	7:280-288
Septic cases, Treatment of.....	6:310-311
"Service" (Merrill).....	3:303-305
"Service work and its value in industry" (Edwards).....	6:423-430
Set screws—Safeguarding.....	6:104
Shafts, Revolving—Safeguarding projections on.....	6:104
Shafts, Safeguarding.....	4:157-165
Shale, Mining of.....	5:339
"Shaper and jointer accidents and their prevention" (Krum).....	6:1129-1133

Shattuck, S. F.:	
Chairman, Paper and pulp section meeting.....	5:1317-1340
Chairman, Paper manufacturers' section meeting.....	4:295-320
"Hazards in woodyards".....	4:301-305
Shaw, R. A.:	
"Enameling oven designed with relation to safety".....	6:760-763
"Gasoline in the industries, when used as a solvent".....	7:493-496
"Shearing and machining of metal parts" (Webb).....	6:913-915
Shears: Clutch-starting mechanism.....	6:917-918
Shedd, L. F.:	
Discussion of C. T. Bank's paper.....	6:1190-1192
Discussion of E. M. Switzer's paper.....	7:929-931
"Sheet metal handling" (Ray).....	6:766-770
Sheet mills:	
Accident statistics.....	6:1209-1210
"Safe practices in" (Morris).....	6:1199-1207
Shepard, F. W.:	
"Eye protection".....	5:1299-1304
"How improvement in safety conditions reduces labor turnover and accidents".....	6:722-723
Sherman, Dr. W. O., "Recognition of the surgeon in industrial operations".....	1:291-297
Shields, Dr. M. J.:	
"Industrial first-aid by the American Red Cross".....	1:36-45
"Means and desirable extent of instruction to workers in first aid".....	4:443-447
Shields for grinding wheels.....	6:779, 780-782
"Shipbuilding, Accident prevention in" (Lockney).....	7:543-547
"Shipping, Safety First in coastwise" (Wylie).....	6:598-602
Shocks, Electric, see Electricity, Injuries from.	
Shoes for workmen:	
Blucher or congress type.....	7:753
General discussion.....	7:753-756
In foundries.....	4:684, 697; 5:1284-1285
"Shoes" (Christy).....	7:750-753
"Shop accidents" (Winston).....	5:1197-1202
Shop and street hazards (Gas works).....	6:510-512
"Shop hygiene and sanitation" (Lanza).....	7:289-296
Shop magazines, see Magazines, Employees'.	
Shop men riding on engines.....	6:1099-1101
Shoudy, Dr. L. A.:	
Chairman, Health service section meeting.....	7:247-347
Discussion of Dr. Booth's paper.....	5:541-545
"Health education".....	5:618-628
Shover, B. R. (Presiding officer, Iron and steel section).....	1:279
Sickness of employees, Time lost by.....	7:672
Sickness of employees, Weekly report forms for.....	6:199-200
Sigafoes, M. H., "Early foreign history of hoisting ropes".....	6:1365-1375
Signals, Grade crossing, see Grade crossings—Signs and signals.	

Signals, Mine, see Mines and mining—Signs and signals.	
Signature of employees.....	1:228, 304
Signs:	
Danger sign committee report (Patterson).....	4:36-43
"Danger signs and emblems" (Chandler).....	6:25-36
Distinction between signs and emblems.....	5:146
Gas company's.....	6:502-504
"Light and its relation to danger signs" (Ashe).....	5:157-168
Report of committee on danger signs (Patterson).....	5:39
Special session to consider danger signs.....	5:145-181
Standardization of, at grade crossings.....	6:647-650
Uniform signs recommended by Electric street railway section	5:194-195
"Universal danger signs problem" (Chandler).....	5:145-156
See also Danger emblem.	
Signs, Mine, see Mines and mining—Signs and signals.	
Signs, Traffic, see Traffic—Signs.	
Silk-filling engine.....	6:466-467
Sinclair, R. S., Chairman Cement section meeting.....	4:147-202
Slides, Stereopticon, see Stereopticon slides.	
Slipping and tripping.....	7:373-376, 379-383
"Sliver accidents; their prevention and treatment" (Lennon).....	6:1136-1138
Slope haulage, Safety catches for.....	5:992-993
"Small company and intensive training" (Adams).....	7:733-736
"Small plants, Medical supervision in" (Patterson).....	4:427-430
Smallen, A. W., Chairman, Steam railroad section round table meeting	6:1078-1109
Smith, Dr. C. E., Discussion of L. K. Frankel's paper.....	5:697-699
Smith, G. O., Chairman, Electric street railway section meeting.....	5:183-317
Smith, Capt. H. B., Resolution in memory of.....	5:24-25
Smith, J. C.:	
"Future of safety in the iron and steel industry".....	7:759-763
"Mechanical safeguarding of electric traveling cranes".....	6:737-752
"Safety as applied to overhead cranes".....	4:629-639
Secretary's report (Iron and steel section).....	6:1147-1148
Smoker (Mining Section).....	6:1512
Soap and towels for wash rooms.....	6:1309-1310
Social insurance, see Health insurance.	
Soderquist, C. O., "General hazards in the cement industry".....	7:506-510
Soldiers, injured:	
Re-education	7:296-300
"Re-employment" (Little).....	7:1-306
"Some methods of securing and sustaining the co-operation of trainmen in accident prevention work" (Nichols).....	6:663-670
"Some of the hygienic measures taken during the construction of the Panama Canal" (Evans).....	3:161-164
"Some of the objections to health supervision" (Hamilton).....	4:424-427
Spaulding, W. B.:	
"Safety problems of the railroads".....	3:239-246

Spaulding W. B.:	PAGES
"What is the best way to create and maintain interest in safety work among the members of safety committees and employes in general?".....	4:511-515
Special train of National Association of Manufacturers.....	1:224-227
Specifications, Safety.....	6:108-109
Sperr, F. W., "Metal mine accidents and their prevention".....	5:1020-1025
Spinning frame, Cotton.....	6:469
Spoehrer, Herman, "Interesting the public in co-operative accident prevention".....	7:652-660
Spokane Safety Council report.....	7:180-181
Spooler, Cotton, see Cotton Spooler	
Sprains, Ointment for.....	6:312
Spray-process of applying paint.....	6:777-778
Spring, E. C.:	
Address of Chairman, Public safety section meeting.....	5:797-800
Chairman, Electric railway section meeting.....	6:611-684
"Hazards of the street".....	4:340-343
Sprinkler systems in mines.....	6:1344-1347
Sprockets—Safeguarding.....	6:104
Stairs and stairways:	
Safety on.....	7:383-385
Standard.....	4:148-152
Standard directions for Resuscitation from electric shock.....	4:29-30
"Standard forms for recording medical data" (Hayhurst).....	4:406-422
Standard practices in mine rescue and First aid.....	4:286-293
Standardization committee, Report of	
(Young).....	3:29-30; 4:31-32; 5:25-29; 6:21-24
"Standardization of mine cars in coal mines" (Scholz).....	6:1486-1491
"Standardization of mine cars in metal mines" (Raymond).....	7:1071-1073
"Standardization of safeguards" (Hansen).....	4:133-146
"Standardization of systems of medical supervision" (Schereschewsky).....	4:403-406
Standardization, Report of Automotive section committee on.....	7:472-473
Standardization, Report of Electric street railway section committee on.....	5:193-204
"Standardized federal and state safety regulations" (Rosa).....	5:786-792
"Standardizing industrial accident statistics" (Meeker).....	5:772-780
"Standardizing statistics" (Gilkerson).....	6:430-437
"Standards, Need of uniform safety" (Oakes).....	7:619-624
"Standards, Need of uniform safety, from the standpoint of an insurance company" (Van Schaack).....	7:625-627
"Standards for textile machinery, Need of safety" (Beyer).....	4:380-382
"Standards of industrial hygiene" (Schereschewsky).....	5:760-768
Standards, Safeguarding.....	4:168-169
Starting a Safety campaign.....	4:720-731
"State bureaus, Safety as insured by" (Price).....	2:107-113
State health supervision. see Health supervision of employes—State.	
States session.....	1:55-80
"Station safeguarding" (Penrose).....	5:1383-1410

	PAGES
Statistics, see Accidents—Cost; Accidents—Statistics; also specific subjects, subhead. Accident statistics.	
"Status of oxygen rescue apparatus and physiological effects on men" (Paul)	6:1436-1438
Steam railroad section:	
Accident causes committee report	7:847-850
Accident remedies committee reports	6:946-947
Bulletin Service committee report	5:1077-1078
By-laws	4:506-508
Causes and remedies of accidents committee report	5:1078-1082
Delegates attending session	6:950-953; 7:839-843
Grade crossing and trespasser accidents committee report	7:850-855
List of members	5:1073-1076
Membership committee reports	5:1083-1086; 6:943-946; 7:845-847
Minutes of meetings	4:449-592; 5:1073-1267; 6:941-1109; 7:839-1010
Nominating committee reports	5:1243; 6:1018, 1027; 7:857
Round table meeting	6:1078-1109; 7:934-1010
Steam traps (illus.)	5:442
Steamship companies organization for safety	6:601
"Steel mill of today, Safety in the" (Burr)	7:814-817
Steidle, Edward and Parker, D. J., "Mine signboards and signals"	5:919-925
Steiner, E. A.:	
"Labor, a national asset"	1:45-49
Opening prayer	1:7
Steinmetz, C. P., Telegram of regret	6:79
Stereopticon slides	5:190-192, 1167-1168
Stoek, H. H. "Safety measures in coal mines in Illinois"	1:122-125
Stokes, H. W., "Relation of employment department to general safety problem in paper mills"	4:318-320
"Stone industry, Dust hazard to health in the" (Hoffman)	7:1017-1025
"Strains, sprains and burns" (Ashe)	5:1271-1293
"Street, Hazards of the" (Spring)	4:340-343
Street cars:	
Accident statistics	5:228-230, 781
Methods of preventing accidents between automobiles and	6:675-682
"Preventing accidents between automobiles and" (Lowe)	5:225-235
Report of investigation of automobile hazards	6:631-647
"Street traffic regulations in relation to Public Safety" (Eno)	5:829-834
Street traffic, see Traffic.	
Streets, Width of	7:360-361
Stremmel, Phil, Chairman, General round table meeting	7:111-131
Strickland, W. P.:	
Discussion of H. B. Harmer's paper	7:711-712
"Review of electrical hazards"	7:795-799
Study of accidents and prevention committee report (Patterson)	6:835
Sub-foremen, see Foremen and Sub-foremen.	
"Successful methods of securing attendance at safety meetings" (Dow)	7:145-149

CUMULATIVE INDEX

1237

PAGES

Suggestion systems:	
Boxes	5:131-139; 6:421
Contests	3:212
Eastman Kodak company's plan.....	3:291-293
North Western railroad's experience.....	7:895
Practical suggestions from employes.....	6:96, 115
Prizes	6:726
Sulphuric acid in tank cars.....	7:635-639
Superintendents, Education of.....	4:723-724; 5:95-105; 7:87-88
"Supervision of health of employes" (Mock).....	5:732
Supervision, Health, see Health supervision of employes.	
"Sure Pop" book.....	6:362-363
"Surgeon, Recognition of the industrial" (Sherman).....	1:291-297
Surgeons, Mine	4:242
Swallow, W. C.:	
Chairman, Textile section meeting.....	5:361-373
"Hazards of openers, pickers, cards, etc.".....	4:368-373
Switch yards, Rules for.....	6:933-934
Switchboard recommendations for safety.....	5:331, 332
Switches, Disconnecting	6:525
"Switching and transfer tables" (Bastian).....	6:932-935
Switzer, E. M., "Prevention of accidents due to coupling and uncoupling cars"	7:925-928
Sylvester-Laborde method of artificial respiration, see Resuscitation—	
Sylvester-Laborde method.	
Syracuse Safety Council report.....	7:180
"System of safety inspection of the Cleveland-Cliffs iron company" (Connibear)	1:83-97
"Systems of First aid in plants, Organization of" (Noland).....	4:439-442
"Systems of health supervision" (Price).....	4:386-390
"Systems of medical supervision, Standardization of" (Schereschewsky)	4:403-406
Tabulating card	5:1486
Tabulating statistics.....	3:246-249; 5:1464-1466, 1486-1490
Tacoma Local council report.....	5:81-84; 6:390-392
Talbert, C. M.:	
Chairman, Public safety section meeting.....	6:341-364; 7:349-408
Report of committee on public safety.....	7:43
Taliaferro, H. N.:	
Address of chairman.....	4:704-706
Chairman, Woodworking section meeting.....	4:699-716
Tank cars transporting 98 per cent sulphuric acid.....	7:635-639
Tanks which have contained acid, Cleansing.....	6:852-853
Tanks, Benzol, see Benzol tanks.	
Tanks, Safeguarding	4:171-176
Tap-hole platforms	6:1223-1224
Tap-hole shields.....	6:1222-1223, 1224, 1226

Tarbell, Ida M.:	
Announcement concerning her inability to present paper.....	6:245
"Effects of safety on a community".....	3:119-125
"Teaching safety to 75,000 men" (Hale).....	7:462-469
"Telephone work, Safety practices in" (Naylon).....	6:489-495
Telephones in mine rescue work.....	6:1422-1425
Tener, S. W.:	
Chairman, 1st division, General round table session.....	6:127-140
"Safety as an indispensable part of an efficient manufacturing organization".....	4:106-112
Testrooms, Block, see Block testrooms.	
Texas, Safety Council report.....	6:406-408; 7:175-176
Textile industry:	
Accident statistics.....	4:361-365; 6:481
"Need of safety standards for new textile machinery"	
(Beyer).....	4:380-382
"Safety provisions abroad in the" (Calder).....	4:355-368
"Sanitation and ventilation problem" (Dolke).....	6:456-466
Textile section:	
Minutes of meetings.....	4:355-382; 5:361-373; 6:455-482; 7:581-584
Nominating committee reports.....	5:367; 6:456; 7:584
Thaw house.....	4:194, 196
Thorpe, James, "Safety in Open-hearth operations".....	5:485-492
Threads, Strains on.....	4:685
Ties, Handling.....	6:1022-1023
Tillson, B. F.:	
Acting chairman, Mining section meeting.....	5:861-1072
Chairman, Mining section meeting.....	6:1323-1527; 7:1011-1146
Tipple equipment.....	6:1467, 1477-1478
T. N. T. poisoning, see Trinitrotoluol poisoning.	
Tolman, C. P., Chairman, 2nd division, General round table session.....	6:141-153
Tolman, Dr. W. H., "Plans of the American museum of safety".....	2:16-21
Tolsted, E. B., "Safeguards for abrasive machinery".....	4:602-609
Tool rack, Portable.....	5:1438, 1443
"Tools and machinery, Prevention of accidents due to"	
(More).....	6:1006-1014
Tools, Bag for raising and lowering.....	6:496
"Tools, Safeguarding machines and" (Woitz).....	4:594-598
Torrey, Dr. H. N., Discussion of Dr. R. C. Cabot's paper.....	5:709-711
Towels.....	5:769
"Track, bridge and building material, Safe and proper handling"	
(Broderick).....	6:1020-1025
Trackmen:	
"Accident prevention for" (Holland).....	7:900-904
Accidents to.....	7:904-906
Education of.....	6:1091-1096, 1099
How to protect.....	5:1187-1197

CUMULATIVE INDEX

1239

	PAGES
Trackmen:	
Method of protecting.....	6:1033-1037, 1088-1099
Signals announcing approach of train.....	6:1034-1037, 1088-1091, 1096
"Tracks, Protection of men working on and about" (Morris).....	6:1055-1057
Traffic handling inside the plants.....	6:809-819
Traffic:	
Accident statistics.....	5:227-230, 781
Accidents.....	5:226-243
"Another side of the problem" (Searle).....	3:264-266
Chicago plan.....	6:348
Regulations reported by standardization committee of Electric street railway section.....	5:197-198
"Safety problems in the highways of the municipality" (Eno).....	3:256-264
St. Louis experience.....	6:343-344, 349
Standardization of traffic regulations.....	3:259-264; 5:830-833
Standardization of traffic signs.....	5:833
"Street traffic regulations in relation to public safety" (Eno).....	5:829-834
Traffic conditions in Detroit.....	5:235-237
Traffic laws:	
Discussion.....	5:290-291
N. S. C. should promote legislation.....	5:234-235, 240
Suggested universal law (Eno).....	3:258-264; 5:830
Train operation accidents.....	5:1211-1225
"Trained nurse in industrial welfare work, Vital importance of" (Hughes).....	4:131-139
"Training the apprentice" (Miles).....	1:211-218
Trainmen:	
"Methods of securing and sustaining their interest in accident prevention work" (Nicholl).....	6:663-670
"Prevention of accidents to" (Braden).....	1:166-178
Transfer tables:	
Discussion on safety around.....	6:935-936
"Switching and" (Bastian).....	6:932-935
Transmission machinery—Safeguarding.....	6:102-104
Transportation and public service session.....	3:234-266
"Transportation department and claim department, Co-operation between" (Drown).....	6:651-654
Transportation session.....	1:127-191
Traps, Safety, see Steam traps.	
Treasurer's report—N. S. C. (Cameron).....	3:21; 4:19-21; 5:13; 6:13-14; 7:25-26
"Treatment of minor injuries" (Colcord).....	6:302-315
Trespassing on railroads:	
Accident statistics.....	1:20; 5:1118-1121, 1127; 7:854-855
Chicago & North Western Company's poster.....	5:1101-1102
Discussion (Klumph).....	5:1136-1137
Discussion (Merrill).....	5:1132-1136

	PAGES
Trespassing on railroads:	
General discussion	4:467-482; 5:1138-1140
Law recommended by the Special Committee of the National Convention of Railroad, Warehouse and Public Service Commissions	5:1130-1131
Legislative action necessary	5:1130-1132
Prevention of accidents to trespassers	5:1100-1101
Problem of controlling thru educating the public	3:252-256
"Public safety and the railroads"	4:458-466
"Railroad trespassing—its prevention a public duty" (Krause)	5:1115-1132
See also Grade crossings.	
Trials for determining responsibility for accidents	6:134-135, 694-695
Trimble, E. G.:	
"Accident prevention in the laundry industry"	1:261-265
Chairman, Laundry section meeting	4:203-216
Trimmer saws, see Saws, Trimmer.	
Trimmer table guard (illus.)	5:440
"Trinitrotoluol and picric acid, Prevention and treatment of cases of poisoning by" (Chaffee)	6:866-869
Trinitrotoluol poisoning	6:838-839, 869-873
Trix, John, "Michigan employers' factory inspection plan"	1:199-204
Trucks, see Handling materials—Trucks.	
Tuberculosis	6:242
Tucker, Dr. G. E., "Medical administration of workmen's compensation laws"	7:260-270
Turnover, Labor:	
"Accidents and" (Young)	7:784-787
Co-operation of sub-foreman	6:155
Cost	6:154
Discussion on relation to mining accidents	7:1066-1071
Employees' benefit association affect	7:225
"How improvement in safety conditions reduces accidents and" (Shepard)	6:722-728
Industrial physician's relation to	6:156-157
Methods of stabilizing the working force	6:1291
Railroads' experience	6:991-992, 1001-1002
"Relation to accidents" (Costigan)	6:442-453
"Relation to mining accidents" (Johnson)	7:1065-1066
"Relation to safety" (Kennedy)	6:1289-1291
Report forms	6:201-202
Safety and (General round table session)	6:153-166
Safety reduces	5:107-108, 672
Statistics	6:1290
Welfare work reduces	6:211-212
Turntables:	
Clearance of railways on	6:1079-1081, 1082, 1083
Railings on	6:1078-1081
Toeboards	6:1081
Twister, Cotton, see Cotton Twister.	

	PAGES
"Underground mine sanitation" (Young and Lanza).....	6:1350-1358
"Underground sanitation at the Mines" (Borcherdt).....	5:978-986
"Uniform standards for the manufacture and transportation of high explosives" (Bryant)	6:568-579
United States employees' compensation commission.....	6:11, 25, 117-124, 189-190
"Universal danger signs problem" (Chandler).....	5:145-156
Universal danger signs session.....	5:145-181
"Value of moving pictures in safety work" (Blakemore).....	4:545-549
"Value of shop magazines, suggestion boxes and prizes in stimulating safety work" (General round table session).....	5:131-139
"Value of the National Safety Council to railroad safety organizations" (Richards)	4:542-545
Valve guard (illus.).....	5:435
Valves, Left-handed	6:506
Van Schaack, David:	
"Duties of the safety engineer".....	6:80-92
Finance committee report.....	3:34-37
"Insurance companies and accident prevention".....	3:313-318
"Need of uniform safety standards from the standpoint of an insurance company"	7:625-627
"Organization of a co-operative safety society".....	1:252-253
- President's address	7:11-20
Presiding officer, Business session.....	7:7-47
Reply to address of welcome.....	7:10-11
Response at Banquet.....	6:167
Varnishing and painting steel cars.....	6:940
Ventilation, Minimum standards for.....	4:28
Ventilation, see also specific subjects, subhead, Ventilation.	
Vestible schools	7:764-765, 789, 818-819
Vincent, G. I., "Safety wrinkles around a gas plant".....	5:1437-1445
Visiting nurses, see Nurses.	
"Visual mine safety instruction" (Bach).....	6:1362-1365
"Vital importance of the trained nurse in industrial welfare work" (Hughes)	4:131-139
Vocational schools, Safety and hygiene in.....	7:297-299
Vocational training	6:448-450
"Walking places safe, Making" (Mowery).....	7:371-386
Walks, Lamp trimmers.....	4:683
Walks, Standard	4:148-152
Walsh, E. T., "Safeguarding machinery for making paper".....	4:297-301
Walsh, J. L., Discussion of J. C. Clark's paper.....	7:886-888
Waltz, V. J., "How the various efforts to promote safety in a community can be co-ordinated".....	7:731-733
War and the necessity for safety work.....	6:76-77, 954-958
War cripple, see Soldiers, Injured.	

	PAGES
"War, Effect of, on women in industry" (Burdick).....	7:439-444
"Warfare and safety" (Forster).....	7:62-68
Warren, Dr. B. S., Discussion of Dr. G. M. Price's paper.....	3:198
Warren, H. S., "Danger of low-tension shocks".....	4:330-334
"Wash and locker rooms" (Krum).....	7:829-833
Wash rooms and change houses.....	6:1305-1310
Wass, H. R., Discussion of C. H. Baltzell's paper.....	7:779-780
"Waste material in the wood shop, Disposal of" (Dietz).....	4:713-716
Water, Drinking. see Drinking water.	
Waterbury Safety Council report.....	7:177
Watkins, S. G., "Safe and proper operation of hand and motor cars"	6:1029-1033
Watters, W. E., "Method of training and obtaining the cooperation of foundry foremen in safety work".....	6:688-693
Weathersby, R. L., "Why accidents occur in the logging industry"	7:608-613
Webb, W. D., "Shearing and machining of metal parts".....	6:913-915
Welcome, Address of:	
Fourth Safety Congress (Patterson).....	4:3-5
Fifth Safety Congress (Eaton).....	5:3-5
Sixth Safety Congress (Dow).....	6:2-3
Seventh Safety Congress (Johnson).....	7:9-10
Welfare work:	
Absences affected by.....	6:211
"An ideal laundry plant" (Klink).....	4:207-212
Cement industry	5:334-345
Cincinnati milling machine company.....	5:608-618
Co-ordinating safety committees with (Bullock).....	5:104-105
"Economic value of health of industrial employees" (Darlington)	7:72-80
Electric railway section members' activities in safety and.....	6:612-613
Ellsworth collieries company.....	5:1004-1010
"Factory as a community center" (Binz).....	7:573-576
"Fellowship, the basis of all safety".....	3:319-327
General discussion	5:1010-1014
"Human maintenance department for the industrial army" (Mock)	6:216-223
"In foundries" (Ashe).....	6:728-737
Measurement and evaluation of.....	6:210-216
Monetary returns	6:212
Plant picnics and massmeetings and their relation to safety	5:1371-1375
Plea for better understanding between employer and employe	6:978-980
Production affected by.....	6:212
"Service work and its value in industry" (Edwards).....	6:423-430
Standard report forms.....	6:215
Standards for equipment.....	6:214

Welfare work:	PAGES
Standards for welfare workers.....	6:213-214
Turnover affected by.....	6:211-212
"Visiting nurse in industrial welfare work" (Wright).....	5:545-553
"Vital importance of the trained nurse in industrial".....	4:131-139
Wentworth, F. H., Address at Banquet.....	5:395-405
Western Pennsylvania Division plan (Rasmussen).....	7:134-142
Western Pennsylvania Safety Council report.....	6:410-414
"What could manufacturers of woodworking machines do to make their machines more safe?" (Newell).....	6:1141-1143
"What does the safety worker want the president of his company to know?" (Scott)	6:615-619
"What each operator can do to aid accident statistics" (Fay).....	6:1395-1399
"What has been accomplished by cement companies in safety work (Hill)	5:321-327
"What is the best method for reaching Non-English speaking employes in the conduct of safety work?" (Banks).....	4:515-519
"What is the best way to create and maintain interest in safety work among members of safety committees and employes in general?" (Spaulding)	4:511-515
"What relation has labor turnover to mining accidents?" (Johnson)	7:1065-1066
"What Southern pine mills are doing to reduce personal injuries" (Rhodes)	7:602-604
"What the government is doing in safety engineering" (Rausch).....	7:754-759
"What the U. S. Railroad administration expects of the different safety organizations in the promotion of safety work" (Belnap).....	7:860-869
Wheaton, H. H., Report of the Conference committee on safety education	5:55-60
Wheel base, Mine car.....	6:1488, 1491, 1494
Whipple, Dr. E. R., Discussion of Dr. Colcord's paper.....	6:331-333
White, J. H., "Sanitation as a safety factor in mining".....	4:229-236
Whitney, A. W.:	
"Health insurance"	5:646-656
"Public accidents—what they mean in monetary value".....	7:402-406
Report of Committee on safety education in universities and technical schools	7:38-39
Report of Program committee of Public safety section.....	7:387-388
Whittle, G. H.: "Public safety problem".....	2:127-137
"Why participation in war makes necessary increased endeavors along safety lines" (Rockwell).....	6:954-958
Wilcox, F. H., "Safety at blast furnaces".....	5:465-479
Wilkinson, M. E., "Danger features in laundries, including extractors and flat work ironers".....	4:212-216
Williams, Arthur:	
"Education in safety".....	2:7-15
Presiding officer, Educational session.....	2:5-37
Toastmaster, Banquet	6:170-191

	PAGES
Williams, C. W., "Human relations in industry, with particular reference to corporate employer and employee".....	6:279-289
Williams, S. J., Chairman, Construction section meeting.....	7:515-554
Williams, W. E.:	
Chairman, Automotive section meeting.....	6:755-828; 7:471-500
"Co-operation"	6:793-798
Williamson, G. E.:	
Acting chairman, Paper and pulp section meeting.....	6:415-453
Chairman, Paper and pulp section meeting.....	5:1341-1379; 7:555-580
"Housing problem in a paper mill community".....	7:566-570
"Safety instructions and warnings for specific dangers in paper mills"	4:309-312
Wilson, H. M.:	
Chairman, Mining section meeting.....	4:217-294
"Co-operation for safety by Government and industries".....	3:79-86
"Mine accident prevention and workmen's compensation".....	4:259-264
Presiding officer, Mines session.....	1:81-125
"Progress of safety in Mining".....	5:867-873
"Safety measures in the bituminous coal mines of Western Pennsylvania"	1:114-122
Tribute to (Patterson).....	5:966
"Workmen's compensation legislation and its effect on safety in mining"	5:940-950
Wilson, Mrs. J. R.:	
Report of Committee on safety education in the public schools	6:38-40; 7:39-42
Report of educational work.....	5:50-51
"Safety instruction in the schools".....	7:452-462
Wilson, Hon. W. B., Telegram of regret.....	6:54
Wilson, W. C.:	
"How to make safety committee meetings interesting".....	5:1226-1231
"Prizes to employes or committeemen for safety work".....	4:501-503
"Public safety and the railroads".....	4:118-127, 458-466
Wilson, Woodrow:	
Extracts from Inaugural address, March 4, 1913.....	1:319
Letter of regret.....	7:187
Winston, B. C., "Shop accidents".....	5:1197-1202
"Wisconsin Industrial Commission plan of promoting safety" (Price)	1:61-66
Wisconsin Industrial Commission's safety rules for loggers.....	6:1116-1118
Woodtke, L. D., "Organizing for safety—how to secure the co-operation of superintendents, foremen and men".....	7:517-528
Woltz, J. M.:	
Chairman, Iron and steel section meeting.....	5:445-532
Discussion of F. E. Morris' paper.....	6:1207-1212
"Safeguarding machines and tools".....	4:594-598
Women in industry:	
Caps and clothing.....	7:497, 820

Women in industry:	PAGES
Comparison of statistics of accidents to men and.....	7:818
"Effect of war upon" (Burdick).....	7:439-444
General discussion	7:764-775
Hours	6:59-60
"In explosive plants" (Elbert)	7:444-446
"Physical condition of workshops where employed" (Copp).....	7:434-438
"Placing" (Ashe)	7:817-820
"Protecting women in industry" (Semple).....	6:54-65
Shoes for	7:767-770
"Shop hygiene and sanitation" (Lanza).....	7:289-295
Wages	6:61-62
"Work and health of" (Semple).....	7:280-288
Women's session	7:431-469
Wood, A. D., "Company periodicals".....	6:437-442
Wood, Dr. W. H., "Prevention of lead poisoning in the manufacture of storage batteries"	7:628-632
"Wood room safety" (Martin).....	5:1328-1332
Woodruff, A. T., Discussion of F. M. Metcalfe's paper.....	5:1218-1225
Woodworking industries:	
Accident statistics	5:429-430
"Are they keeping pace with progressive safety work:"	
(Heelan)	6:1138-1140
"Disposal of waste in the wood shop" (Dietz).....	4:713-716
"General hazards of" (Newell).....	4:706-708
"Safeguarding the most hazardous machines in woodworking plants" (Burr)	5:429-444
Safeguarding woodworking machinery.....	4:602, 709-713
"Safety organization in woodworking and logging industry" (Fellmer)	6:1119-1124
"What could manufacturers of woodworking machines do to make their machines more safe?" (Newell).....	6:1141-1143
Minutes of meetings.....	4:699-716; 5:407-444; 6:1111-1143; 7:585-613
Nominating committee reports.....	5:410; 6:1111; 7:586
"Wool carding, combing and drawing, Hazards in" (Lord).....	6:472-479
Worcester County Branch of New England Safety Council report	7:179-180
"Work of the Federal government for the prevention of railway accidents and its results" (McChord).....	1:13-35
Workman's argument against Health supervision.....	4:426
Workmen, Education of, see Education of workmen.	
Workmen, Foreign, see Foreign workmen.	
Workmen, Injured:	
Discussion of methods of getting men back to work.....	6:1315-1318
"Industry's responsibility for the industrial cripple" (Patterson)	7:312-314
"Problems of returning" (Morgan).....	6:1310-1315
"Responsibility of the State to the industrial cripple" (Mackey)	7:309-312

Workmen's compensation:	
For the crippled soldier who becomes injured in	
industry	7:309-310, 317-318
General discussion	5:966-978
"Medical administration of laws" (Tucker)	7:260-270
"Mine accident prevention and" (Wilson)	4:259-264
Provisions for accident prevention contained in the acts of the	
various States	5:958-959
"Relation of laws to the accident prevention movement"	
(Patterson)	5:955-966
Review of history of the movement for	1:117-119
"Workmen's compensation legislation and its effect on safety in	
mining" (Wilson)	5:940-950
Workmen's safety committees, see Committees, Safety.	
Worth, W. E.: "Does the attitude of the foreman determine the success	
of the safety engineer?"	7:96-101
Wounds. Treatment of special	6:308-310
Wright, A. W., Address	6:47-51
Wright, F. S., "Visiting nurse in industrial welfare work"	5:545-553
Wright, G. L., "American railroad passenger—what he should do for his	
own safety"	5:1104-1105
Wright, J. H., "Freight elevators; their use, and how to prevent	
accidents"	5:1334-1337
Wyllie, G. W.:	
Chairman, Marine and navigation section meeting	6:595-610
"Safety first in coastwise shipping"	6:598-602
Yard department—Accident statistics	6:1199
"Yard practices, Safety in" (Bennett)	6:1193-1197
Young, A. H.:	
Chairman, General round table session	6:125-141
"Employment"	5:518-524
"Labor turnover and accidents"	7:784-787
Young, Dr. G. B., "Relation of industrial sanitation to public	
health"	3:200-202
Young, H. I., and Lanza, Dr. A. J., "Underground mine	
sanitation"	6:1350-1358
Young, R. J.:	
Chairman, Safeguarding of machinery section meeting	4:593-639
"Electrical hazards"	5:328-334
"Fundamental principles of safeguarding"	6:98-109
"Our foreigner; what are we doing to help him help	
himself?"	1:302-307
Safe practices committee report	6:21-24; 7:28-30
Standardization committee report—N. S. C.	4:31-32; 5:25-29
Standards committee report (Iron and Steel Section)	5:453; 6:1149
Young, W. J., "Safeguarding coal mills"	4:180-184
Youngstown Local Council report	3:67-70