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United States Bureau of Mines Publications**

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United States Bureau of Mines Publications, Manuscript Group 77
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Historical Note

From 1910 through 1995, the United States Bureau of Mines (USBM) provided information to the public on the minerals industry. In September 1995, the Congress voted to abolish the USBM as a budget savings. The main publications of the USBM are the *USBM Bulletin*, *USBM Information Circular*, and the *USBM Report of Investigations*. Most USBM publications published after 1970 are available for purchase from the National Technical Information Service, NTIS. Montana Tech Library has the paper indexes to the Mines collection from 1910 to 1993 and collects most of the publications, which are stored in the government depository section under the Department of the Interior. Contracts to continue the work of the USBM have been awarded to NIOSH (National Institute for Occupational Safety and Health), U.S. Department of Energy, U.S. Geological Survey, and the U.S. Bureau of Land Management.

Scope and Content

A component of the Department of Energy, the U.S. Bureau of Mines was formed to gather information about the various mining industries in the United States. The U.S. Bureau of Mines Publications contains reports and informational bulletins published by the Bureau between 1919 and 1983. Although the collection's primary focus is on Pennsylvania, there is a limited amount of material from other coal producing states, including West Virginia and Ohio.

This collection is housed in Stapleton Library Room 301. Series I is contained in archival boxes and Series II are bound publications organized on shelving.

See also: Commonwealth of Pennsylvania. (1870-1987). *Report of the Department of Mines of Pennsylvania*. 1870-1987. Harrisburg, PA. Annual volumes including Anthracite and Bituminous Coal Region issues. Call Number: HD 9547 .P4 .A35 (Special Collections)

Provenance

Unknown

Restrictions

None

Processor

Date Unknown; Papers arranged and inventory written by Special Collections Staff.
Summer 2001; Papers rearranged and inventory rewritten by Special Collections Staff.

Container List

Series I

Box 1 Bureau of mines-Mine Safety Acts, Publications, Information Reports, Mine Safety

Rescue Manuals

1. Office of Mineral Information, United States Department of Interior, Bureau of Mines
2. Publications Indexes: Mines Price List 58 (36th Edition) September 1949 Superintendent of Documents, Washington DC; Bibliography and Index of US Geological Survey, Publications related to Coal for 1971-1975
3. Title II of the Federal Coal Mine Safety Act (66 Statute 692) or Amended by Public Law 89-376, (80 Statute 84), March 26, 1966, Prevention of Major Disasters in Mines
4. Title 30 Mineral Resources, Chapter 1, Subchapter 3, Part 14 (Bureau of Mines Schedule 21b)
5. Schedule 17 (Bureau of Mines) Procedure for Testing of Explosions for Permeability for use in Gaseous and Purity Coal Mines, 1921, Schedule 17a, 1926
6. Title 30 Mineral Resources, Mine Schedules: Schedule 26, Approved February 19, 1953; Schedule 28, Approved November 9, 1955, and amended December 1967; Schedule 2f, Approved August 3, 1955, revised January 1967; and Various Schedules, Effective on March 23, 1965
7. Excerpts from Title 30: Part 18, revised July 1, 1977
8. Mine Safety Acts by Congress: Public Law 91-173, 91st Congress, s2917, December 30, 1969; and Public Law 91-173 as amended by Public Laws 95-164 (Federal Mine Safety and Health August 8, 1977; Mines Safety Hearings, May 1949; and Schedule Reissue, May 1970 Under Public Law 91-173
9. Annual Reports: Annual Report of the Mining Divisions, Fiscal Year 1940
10. Annual Report, Coal Mine Inspection, January 1 through December 31, 1968; and Annual Coal Mine Inspection January 1, through December 31, 1969
11. Annual Report of the Secretary of the Interior, 1970; Annual Report of the Secretary of Interior, 1972 Administration of the Federal Coal Mine Health and Safety Act; and the Annual Report of the Secretary of Interior, 1973, Administration of the Federal Coal Mine Health and Safety Act
12. Annual Report of the Secretary of Labor under the Federal Mine Safety and health Act of 1977, Fiscal Year 1978; Part 1 and Part 2
13. Annual Report of Secretary of labor, under the Federal Mines Safety and Health Act of 1977, Fiscal Year 1979, Volumes 1 and 2
14. Annual Report of Secretary of Labor under the Federal Mine Safety and Health Act of 1977, Fiscal Year 1980 Volumes 1 and 2
15. Informational Reports: United States Department of Labor, Mine Safety and Health Administration Summary of Selected Injury Experience and Work Time, 1931 through 1977; Injury Experience in Coal Mining, 1982; Injury Experience in Coal Mining 1983; Mine Injuries and Work Time Quarterly (January-September 1988)
16. Informational Reports: United States Department of the Interior, Mine Enforcement and Safety Administration Health and Safety Report, 60 Surface Mine (Reference for Supervisors); MESA Informational Report 1 for 1977, A Compilation of Judicial Decisions
17. Miscellaneous Accident Facts and Occupational Diseases: Accident Facts, 1959 Edition by the National Safety Council; Discussion of Industrial Accidents and Diseases, October 1943; Pulmonary Fibrosis in Soft Coal Miners by the United States Department of Health, Education, and Welfare, 1954

18. Informational Reports by the Treasury Department in the Public Health Bulletin: Review of Carbon Monoxide Poisoning, 1930; Physiological Effects of Exposure to Low Concentrations of Carbon Monoxide, 1922; Effect of Repeated Daily Exposure of Several Hours to Small Amounts of Automobile Exhaust Gas, 1929; and Study in Asphyxia, 1934
19. Drager Review: Journal of Dragerwerk, AG Lubeck, Germany, January 1974, Number 32; June 1974, Number 33; February 1975, Number 35; September 1975, Number 36
20. Miscellaneous Drager Mine Rescue Apparatus Information: Price List, Type 160-A, March 1946; Problems des Sauerstoff-Gasschutzes, 1943; Die Eisernelunge (The Iron Lung) October 1946; Pulmotor: Oxygen Reviving Apparatus for Artificial Respiration
21. History and Criticism, Practice and Results, 1946; Instruction for Drager Mine Rescue Apparatus, Model 160-A, First Edition 1946
22. Miscellaneous Safety and Rescue Manuals: Rules for Resuscitation from Electrical Shock, May 1923; Mine Emergency Procedures, National Mine Service Company, January 1980; First Aid for the Mineral And Allied Industries, Bureau of Mines, 1971; Mine Rescue Apparatus and Auxiliary Equipment (A Handbook) 1961; Bituminous Coal Miners Safety Course, Bureau of mines, 1954; Questions and Answers (on Rescue and Recovery Operations), National Mine Rescue Association, revised 1964; Safety Subjects, Bulletin Number 67, United States Department of Labor, Division of Safety Standards, 1944; and, 51st National Safety Congress: Papers delivered in the Coal Mining Sessions, 1963, Volume 7

Series I

Box 2 United States and International Mining Laws, Regulations, and Safety Standards

1. Rules and Safety Standards: Safety Rules and Regulations of the Pittsburgh Coal Company; Rules for the United States Coke Company, 1936; Rules and Regulations for the Consolidation of Coal Companies, 1941; Safety Standards for Ebensburg Coal Company, 1943; Union Pacific Coal Company Code of Standards, 1939
2. International Mining Laws and Regulations: Code for International Labour Office, 1949; 1957 Mining Laws of England; Handbook of Requirements for Operation of Mines, 1977, Ontario, Canada
3. United States Mining Laws and Regulations: Operating Regulations, Department of Interior, under the Act of February 25, 1920; Mining Laws; State of Missouri; Oklahoma, 1968; Maryland, 1950 and 1967; Ohio, 1960; West Virginia, 1959
4. Federal Mine Safety Code for Anthracite Mines of the United States, Part 1 Underground Mines, October 14, 1953; United States Department of Interior, Bureau of Mines
5. Coordination of Federal and State Coal Mine Health and Safety Programs with Special References to the Federal Coal Mine Health and Safety Act of 1964, Volume 1, March 1, 1971
6. Coal Mine Health Inspection Manual for United States Department of Interior, Bureau of Mines, September 1971
7. Coal Mine Safety Manual for Surface Coal Mines, Bureau of Mines, December 1974
8. Inspectors Manual for Elevators, Escalators, and Moving Walks, 1973
9. Bureau of Mines Guidebook for Inspection of Permissible Electrical Equipment, 1956
10. Commonwealth of Pennsylvania, Department of Mines, Bituminous Division, Annual

Reports, 1945-1947

11. Ohio Safety Congress Proceedings: 11th Congress, 1940; 14th Congress, 1943; 15th Congress, 1944; 17th Congress, 1947
12. Ohio Department of Industrial Relations Divisions of Mines, Annual Reports: 1965, 1966, 1967, 1968, and 1969
13. West Virginia, Annual Reports: West Virginia Department of Mines Annual Report, 1966; West Virginia Department Statistical Report, 1967; West Virginia Department of Mines, Inspection Report, 1954
14. Annual Report of the Mine Inspection Crow Wing County, Minnesota, 1954
15. Annual Review of the Ontario Department of Mines, 1962
16. Washington State, Industrial Hygiene Survey of Coal Mining Industry
17. Bureau of Mines, Information Circular, "Productivity Declines in Underground Coal Mines, 1969-1971
18. Miscellaneous Information: Dust Explosion Hazard in the Manufacturing of Plastic; Environmental Problems in Underground Mines; Bituminous Coal Facts and Figures 1948
19. Miscellaneous Information Bulletins: The Determination and Control of Industrial Dust, 1935; Fighting and Stealing Fines in Gassy Coal Mines, 1926; Electrical Hazards in Coal Mines, 1945; Processes, Hazards, and Protection involved in the Spraying of Flammable Dedusting Agent, 1938
20. Directory of Educational Institutions Maintaining Departments of Mining Engineering, 1949
21. Miscellaneous Handbooks: Handbook of Electric Blasting Advanced Training Courses for Metal and Non-metal Mine Inspectors, 1986; Handbook of Organic Industrial Solvents, 1966; Handbook of Underground Coal Mine Illuminations Requirements

Series I

Box 3 Safety Program Reports, Reports on Mine Explosions and Accidents

1. United States Department of Interior Bureau of Mines Administration Files, Scientific and Technical Files Classification Guide, 1971
2. Research Contract Summary Report, July 1969 through April 1979
3. A Medical Survey of the Bituminous Coal Industry, Washington 1974
4. The Origin and Impact of Federal Safety Programs
5. An Evaluation of Policy Related Research on Effectiveness of Alternative Methods to Reduce Occupational Illness and Accidents, July 1974
6. United States Department of Labor and Mine Safety and Administration Systems, Science, and Software Monthly Progress Report, 1979
7. MESA Hearing on Porter Tunnel Mine Disaster, June 7, 1979
8. MESA Hearing on Porter Tunnel Mine Disaster, June 7, 1979
9. Report on Investigation of Clearfield Coal Company, April 14, 1978
10. Final Report, Mine Explosion Disaster Bell 156 Mine, Louisiana, June 8, 1979
11. Region 8 Bureau of Mines: Buttonwood Colliery, Glen Arden Coal Company, Wilkes-Barre, Pennsylvania, March 29, 1957; Orient Number 2 Mine, Chicago; Wilmington and Franklin Coal Company, West Frankport, Illinois, December 21, 1951
12. District A: Bureau of Mines: Report of Coal Mine Explosion, Skidmore Slope, Hainer Coal Company Incorporated, Valley View, Pennsylvania, July 23, 1969

13. District B: Bureau of Mines: Report of Fatal Surface Accident Englewood Pit, Englewood Sand, and Aerial Company Incorporated, Englewood, Ohio, May 1963 Robinson Run Number 95 Mine, Mountaineer Coal Company Division of Consolidation Coal Company Lumberport, West Virginia, April 11, 1970.
14. District C: Bureau of Mines: Report on Explosion at Number 9 Mine, Jamison Coal and Coke Company, Farmington, West Virginia, November 13, 1954 Report on Explosion at Number 34 Mine, Pocahontas Fuel Company, Incorporated, McDowell County, West Virginia, February 4, 1957
15. District C: Report of Major Mine Pump Disaster at Glenn Rogers Number 2 Mine, Raleigh Wyoming Mining Company Glenn Rogers, Wyoming County, West Virginia, December 9, 1957; Report on Explosion at Number 31 Mine, Pocahontas Fuel Company, Incorporated, McDowell County, West Virginia, December 27, 1957; Bishop Mine, Pocahontas Fuel Company, Division of the Consolidation Coal Company, McDowell County, West Virginia, October 27, 1958
16. District D: Report Mine Explosion Burton Mine Oglebay Norton Company, Craigsville, Nicholas County, West Virginia, October 28, 1958; Number 22 Mine, Island Creek Coal Company, Pine Creek, West Virginia, March 8, 1960; Compass Number 2 Mine, Clinesfield Coal Company (Division of the Pittston Coal) Dole, West Virginia, April 25, 1963; Number 2 A Mine, C. L. Kline Coal Company Robbins, Tennessee, May 29, 1965
17. District E: Bureau of Mines: Report of Explosion, Mine Number 2, Blue Blaze Coal Company, Herrim Williamson County, Illinois, January 10, 1962; Dutch Creek Mine, Mid Continent Coal and Coke Company, Redstone, Colorado, December 28, 1965
18. District H: Bureau of Mines: Report of Explosion, Cane Creek Mine, Potash, Division, Texas Gulf Sulfur Company, Grand County, Utah, August, 27, 1963; Number 2 Mine, Carbon Fuel Company, Helper, Utah, December 16, 1963
19. United States of the Interior-Bureau of Mines, Circular Letter Number 1016-1001
20. Bureau of Mines, Circular Letters Number 1017-1033
21. Bureau of Mines, Mining Enforcement and Safety Administration, Circular Letters Number 1034-1068
22. Mining Enforcement and Safety Administration Circular Letters Number 1069-1098

Series I

Box 4 Bureau of Mines Reports, Bulletins, and Handbooks File

1. United States Department of Labor, Program Information Bulletins Number 1128-1141
2. United States Department of Labor, Program Information Bulletins Number 1142-1177
3. United States Department of Interior, Total 30 Mineral Resources, Various Regulations and Procedures from 1919-1968
4. United States Department of Interior, Various Regulations and Procedures from 1919-1968
5. United States Department of Interior, Mining Enforcement and Safety Administration Circular, Letters Number 1069-1097
6. Keystone Semi-Annual Report Toxic, Ventilation and Physical Agents
7. Mining Enforcement and Safety Administration Monthly Reports Magnetic Cards, 1981
8. Early History of the Coke Industry in Western Pennsylvania, Westmoreland; Fayette Branch of the Historical Society of Western Pennsylvania

9. Journal of Industrial Engineering, Chemistry, Photographs Copies, August 1920 and February 1922
10. Report Prevention of Coal Mine, Shaft, Sinking Disasters 1953
11. Article taken from the Nippon Times, The Honhaiko Colliery Disaster, 1946
12. Japanese Coal Mining Engineers Society, Namazutu Coal Mines, April 1950
13. Bureau of Mines Report, "Labor Unions, Their History, and Organization in Canada, October 1946
14. Bureau of Mines First Aid Training Course Reports, September 1930
15. Report on Article V Section 3a, Federal Mine Safety Code, October 1, 1968
16. Address of John J. Forbes, Director, Bureau of Mines at the Annual Safety Day Meeting, August 9, 1952
17. Report Mine Inspection and How it Can Best Benefit Men and Management, 1956
18. Paper "George Herman Deihe Mine Safety Pioneer", July 26, 1954
19. Report Bureau of Mines, "Report on Travel France, Germany and Great Britain, 1957
20. United States Department of the Interior, Handbooks: Some Practical Aspects of Coal Mine Ventilation, 1978
21. United States Department of the Interior, Coal Mine Health and Safety Inspection Manual for Coal Waste Deposits, September 1973
22. Mining Research Contract Review, Volume VII, Number 3, September 1976
23. Proceedings from the Ninth Annual Institute on Coal Mining Health and Safety and Research, 1978
24. Bureau of Mines, International Conference of Directors of Safety in Mines Research, October 1961
25. Bureau Of Mines, Tenth International Conference of Directors of Safety in Mines Research, October 1959
26. Tenth International Conference of Directors of Safety in Mines Research Summaries of Papers, October 1959
27. Bureau Of Mines, Report "Improved Fire Detection Systems for Metal and Non-metal Mines", November 1976
28. Bureau Of Mines, Report "A Fire Retardant, Froth Foam Seal Topping System for the USBM Remote Mine Sealing Systems", December 1977
29. Bureau of Mines Report, "Development of Vertical Shaft Skip and Guide Design", June, 1977
30. Bureau of Mines Report, "Combustion of Mine Materials", November 1977
31. The American Conference of Governmental Industrial Hygiene for Mining and Tunneling", November 1978
32. Seventh International Symposium on Combustion, London and Oxford, August 28 through September 3, 1958
33. Eighth International Conference of Directors of Safety in Mines Research, Paper: "Progress in Short Delay Short firing in Coal Mines", Dortmund-Derne, Germany, 1954

Series I

Box 5 Reports, Bulletins, and Conference Proceedings

1. Report for Coal Mining Institute of America "Experience with Roof Bolts Anchored with a

- Resin Cartridge", December 9-10, 1965
2. Bureau of Mines Report to Congress, "The Federal Metal and Non-metallic Mine Safety Act", 1968
 3. Bureau of Mines Report, "Phosphate Rock" Mineral Commodity Profiles, 1983
 4. Report "Stopping A Gas Explosion at the Working Face", 1966
 5. Report, The Institution of Mining Engineers, " A Summary Account of the Manner and Frequency of Ignition of Fire Dump in British Coal Mines", September 1965, two copies
 6. Bulletin of the American Lung Association, "Enemies in the Dust"
 7. Conference on Equipment Aspects of Coal Mine Health and Safety, September 1969
 8. International Conference of Directors of Safety in Mines Research, "Practical Aspects on Controlling An Underground Fire on A Mining Machine", October 1961, three copies
 9. Department of Energy, Quarterly Technical Progress Report for the Period Ending September 30, 1980
 10. Department of Energy, Quarterly Progress Report for the period Ending March 31, 1981, two copies
 11. Bureau of Mines, Denver Research Center Annual Report, September 1979
 12. Bureau of Mines, Denver Research Center, Semi-annual Report, March 1979
 13. Twelfth Report of the Mines Safety and Health Commission of the European communities, July 1975
 14. Thirteenth Report of the Mines Safety and Health Commission, Commission of the European Communities, September 1976
 15. Fifteenth Report, Commission of European Communities, 1979
 16. Bureau of Mines, Minerals Research Annual Report, 1969
 17. Bureau of mines, Minerals Research Work Plans, July 1969
 18. Minerals Research Report, September 1969
 19. Minerals Research Progress Report, 1970, two copies
 20. Bureau of Mines, Health and Safety Research and Testing Center Project Proposals, 1967
 21. Health and Safety Research and Testing Center, Project Proposals, 1968
 22. Health and Safety Research and Testing Center, Project Proposals, 1968
 23. Bureau of Mines Annual Progress Report, 1971
 24. Bureau of Mines Annual Progress Report, 1972
 25. Bureau of Mines, Denver Research Center, Program of Research, 1980
 26. Denver Research Center, Work Plans, 1980
 27. Bureau of Mines, Second Progress Report, 1981
 28. Bureau of Mines, Systems Engineering Group, 1970
 29. Report to Congress, "Health and Safety Study of Metal and Non-metal Mines
 30. Laws Governing the Mining of Coal and Clay, Kentucky, Revised Statutes, 1966, two copies
 31. Health and Safety Study of Metal and Non-metal Mines
 32. Bureau of Mines, List of Journal Articles, 1960
 33. List of Bureau of Mines Publications and Articles, 1961
 34. List of Bureau of Mines Publications and Articles, 1963
 35. List of Bureau of Mines Publications, 1967
 36. List of Bureau of Mines Publications, 1970

Series I**Box 6 Bureau of Mines Decisions of the Comptroller General of the United States Annual Reports of Department of Mines, West Virginia**

1. Federal Mine and Safety Inspection Amendments of 1949
2. Bureau of Mines, Decisions of the Comptroller General of the United States, Volume 45, April 1966
3. Decisions of the Comptroller General of the United States, Volume 45, June 1966
4. Decisions of the Comptroller General of the United States, Volume 45, February 1966
5. Decisions of the Comptroller General, Volume 45, July 1965
6. Decisions of the Comptroller General, Volume 45, August 1965
7. Decisions of the Comptroller General, Volume 45, November 1965
8. Comptroller General, Volume 45, December 1965
9. Comptroller General, Volume 45, January 1966
10. Comptroller General, Volume 45, May 1966
11. Comptroller General, Volume 46, July 1966
12. Comptroller General, Volume 48, January-March 1969
13. Comptroller General, Volume 48, April 1969
14. Handbook for Radiological Monitors, Department of Defense, April 1963
15. Ohio Department of Industrial Relations Division of Mines Report, 1970
16. Report, "Law Relating to Safety and Health", Volumes 2,3, and 4, 1957
17. Ohio Department of Industrial Relations, "The Foremen's Guide for Stone Mining", 1960
18. West Virginia Department of Mines Statistical Report, 1968
19. Mine Inspectors Institute of America, Springfield, Illinois, July 11-13, 1955
20. Mine Inspectors Institute of America, Pittsburgh, Pennsylvania, June 11-14, 1967
21. Annual Report Department of Mines of West Virginia, 1963
22. Annual Report Department of Mines of West Virginia, 1964
23. Annual Report Department of Mines of West Virginia, 1965
24. Suggestions to Authors of the Reports of the United States Geological Survey, fifth edition, 1958

Series I**Box 7 Books and Handbooks published by the Bureau of Mines**

1. Silicosis in the Metal Mining Industry A Revaluation 1958-1961, two copies
2. Experience with Radon Control in Mining, Published for the Bureau of Mines, 1974
3. Proceedings of the Sixteenth All Ohio Safety Congress, April 16-18, 1946
4. Bureau of Mines, "Controlling Employee Exposure to Alpha Radiation in Underground Uranium Mines, Volumes 1 and 2, 1970
5. United States Department of Commerce, "Maximum Permissible Concentrations of Radio Nuclear in Air and Water for Occupational Exposure", 1959
6. Mines and Quarries Act, 1954
7. Mining and Metallurgy Quarterly, November 2, 1969

Series II: Bound publications shelved in Stapleton 301

1. United States Bureau of Mines, Set 3 Bulletins, Volumes 1-650; Missing 164-167, 228, 230-231, 455-458, 532, 542, 665-669
2. United States Bureau of Mines, Set 3 Technical Papers, Volumes 1-727, Missing 94-102, 104-108, 110-114, 116, 167-177, 179-185, 287-190, 462-463, 465-471
3. United States Bureau of Mines, Set 3 Reports of Investigations, Volumes 2100-8220; Missing 8031-8034, 8036-8039, 8041, 8044-8046, 8048-8049, 8053-8059, 8061, 8063-8065, 8067, 8069, 8071-8076, 8079-8090, 8093, 8098-8103, 8105-8111, 8113-8115, 8118-8119, 8121-8126, 8128-8129, 8139-8140, 8143-8147, 8149, 8158-8160, 8164-8167, 8169, 8174, 8179-8184, 8187-8188, 8190, 8192, 8194-8198, 8200, 8203-8204, 8208-8211, 8218-8219
4. United States Bureau of Mines, Set 3 Information Circular, Volumes 6000-8673
5. United States Bureau of Mines, Information Reports 1006-1090, Missing: 1007-1008, 1012-1015, 1019-1026, 1030-1032, 1034-1035, 1061, 1070, 1072, 1081-1082
6. Keystone Industrial Manual, Years: 1964, 1968, 1971, 1973, and 1977
7. Coal Mine Directory, Years: 1957, 1969, 1966, 1968, 1971, and 1973
8. United States Bureau of Mines, Miners Circular, Safety Division, Volumes 45-53
9. United States Bureau of Mines, Reports of Investigations Safety Division, Volumes 3331-3348, 3400-3410
10. Bureau of Mines, Technical Progress Reports, Volumes 8-113
11. United States Bureau of Mines, Confidential Memoranda, Safety Division, Volumes 1-10