

YA2003.100

Donald Haigh: mine ventilation

Dates: c1800-1981

Level of description: Fonds

Extent and medium: 3 archive boxes

Name of creator: Donald Haigh

Biographical history: Donald Haigh was born 21 January 1924 in Glossop. He earned a scholarship to Glossop Grammar and in 1946 he was called up in 1946 at the end of his schooling. On his 18th birthday he was told that he was going to work in the pits as a Bevan boy. He was paid by Lancashire Collieries to complete a Fuel Technology and Mining Engineering course at Wigan Technical College. In 1951 he became Undermanager at Sandhole, where he was also Arthur Scargill's boss. Donald was asked to specialise in ventilation problems with Lancashire mines so he trained himself.

From c1954 to 1985 Donald worked through ventilation problems for Lancashire mines working for the National Coal Board, NW and N mines from Haig to Staffordshire where he was responsible for all vents and supervised repairs. In 1968 he was responsible for Worsley mines. Donald retired in 1985 to Leek in Staffordshire as engineer of James Brindley's mill. He died on 1 June 2003. He was a personal friend of LS Lowry, and his father the Mayor of Glossop burnt 2 Lowry originals.

Immediate source of acquisition: Gift of Chris Haigh October 2003

Scope and content: The archive consists of plans and notebooks related to underground mines and mine ventilation, including calculations and measurements.

Appraisal, destruction and scheduling information: Material has been appraised in line with MSIM collecting policy guidelines.

Accruals: None expected

System of arrangement: Material has been arranged into 5 series and listed chronologically within the series.

Conditions governing access: None

Finding aids: Catalogue is also available in electronic format, searchable in study area.

Related units of description: The Museum holds some material from the former Lancashire Coal Mining Museum of Buile Hill, Salford. Public records from the Museum are now held at Lancashire Record Office.

The Museum acquired a number of objects from Donald Haigh relating to underground canal mines in Worsley and ventilation and mining in the Lancashire region. Please see the Curator of Energy for more information.

Archivist's Note: Catalogue produced by J. Pedley, June 2005.

Series 1: 19th century mine ventilation notebooks and charts

Item	Dates	Description
1/1	c.1800-1801	Notebook detailing calculations of point, bearings, lengths of pit and other observations Note: fragile
/2	c.1800	Notebook containing measurements, calculations and plans of coal pits belonging to John [Ridyard] Note: cover torn
/3	c.1807	Notebook of admeasurements belonging to Thomas Bury, agent of the Duke of Bridgewater in 19 th Century Enclosed: 2 handwritten sheets by Donald Haigh relating to Thomas Bury
/4	1892 Sep 1893 Jan 1893 1893 1893 Dec 1897 Jun	Mine ventilation charts: Pendleton Agecroft Clifton Hall: Trencherbone Mine Trencherbone Mine Pendlebury: Dow Mine Pendleton: Rams Mine

Series 2: 20th Century working papers relating to ventilation in mines

Item	Dates	Description
2/1	c.1905-1933	Scaling book containing measurements from various mines and estates
/2	1911	Price lists of the Brackley, Wharton Hall and Ashton's Field, Arley, Yard, Three Quarters and Plodder Mines. Prices are for drawing props, timbering, emptying tubs of dirt, drawing coal etc
/3	c.1942	Notes relating to Kata thermometer readings and Nook Colliery and miscellaneous graphs by Donald Haigh relating to pressure loss Note: fragile
/4	1964-1965	Correspondence and minutes relating to ventilation circuit for Ellesmere and Underground

		Canal
/5	c.1960s-70s	File of correspondence, plans and diagrams relating to Duke of Bridgewater's Underground Canal
/6	1971 Jun 30	Photographs, possibly of exhibition relating to airborne dust measurements, chest x-rays, various meters and a cutting drum by NCB, NW Area, Walkden, Manchester
/7	n.d.	Photograph of tracks in mine

Series 3: Maps and plans relating to mining ventilation

Item	Dates	Description
3/1	n.d.	Copy maps showing underground canals in the Walkden area
/2	1935	Copy plan showing Gresford Colliery
/3	1970 Feb 19	Copy plan showing Bradford Colliery Note: torn
/4	c.1950s	Generalised sections in the Lancashire Coalfield: drawing Note: torn and fragile
/5	1952 Mar	Copy drawing from NCB, NW Division, East Lancashire Area, Engineering Drawing Office, Walkden of 'Details of Seal for Dewatering Old Workings
/6	c.1956	Gresford Colliery: Composite Plan
/7	c.1970	Copy map showing motorways in Worsley area

Series 4: Personal papers of Donald Haigh

Item	Dates	Description
4/1	1948-1949	Donald Haigh mining examination papers
/2	c.1980s	Paper by Donald Haigh titled <i>Brindley and the Duke of Bridgewater</i> , includes annotated plans and diagrams

Series 5: Literature relating to mines ventilation and coalfields

Item	Dates	Description
5/1	1859-1860	Transactions of The Manchester Geological Society, Vol. II
/2	1920	<i>Notes on Pendleton Colliery</i> by J.T. Browne; The Institution of Mining Engineers
/3	1927	<i>Sections of Strata of the Coal Measures of Lancashire</i> compiled and correlated for the Lancashire & Cheshire Coal Association by George Hickling, Professor of Geology, Armstrong College, Newcastle
/4	1944-1946	Manchester Collieries Limited: newsletters no. 8, 9, 10 & 13
/5	1958	<i>Guide to the Coalfields</i> , Colliery Guardian
/6	1962	<i>The Duke of Bridgewater's Underground Canals</i> by E.R. Hassall and J.P. Trickett, a paper given at meeting of Manchester Geological and Mining Society
/7	1967	<i>Guide to the Coalfields</i> , Colliery Guardian
/8	1981	<i>Pit Ventilation</i> booklet by the Industrial Training Branch of NCB