Reference: MS 66/X/11/28  
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee  
Date: 1930-1931  
Description: Correspondence between Foster M Richardson of Jute Industries Ltd and Edward H Paynter and L J Hiltz of Jute Industries Ltd (New York). Contains papers on the probable use of burlap, a textile manufactured by the company.

Reference: MS 10/9  
Collection: Boase & Co., Claverhouse Bleachfield, Dundee  
Date: 1855  
Description: Letters patent (No 1603) granted by Queen Victoria in favour of H S Boase for invention ‘Improvements in the Process of Drying Organic Substances’. Registered at the Office of the Commissioners of Patents, 6th July 1858, with cord and great seal of Queen Victoria. (in original box).

Reference: MS 10/10  
Collection: Boase & Co., Claverhouse Bleachfield, Dundee  
Date: 1856  
Description: Duplicate specification of H S Boase (Patent No 1603).

Reference: MS 10/11  
Collection: Boase & Co., Claverhouse Bleachfield, Dundee  
Date: 1856  
Description: Drawing illustrating apparatus specified in MS 10/10.

Reference: MS 10/12  
Collection: Boase & Co., Claverhouse Bleachfield, Dundee  
Date: 1856  

Reference: MS 11/4/43-49  
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee  
Date: 1919-1957  
Description: Specification books. Gives breakdown of production costs and quotations of various materials eg flax, tow, hemp, jute weft, hemp weft, hessian.

Reference: MS 11/5/1-3  
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee  
Date: 1850-1908  
Description: Calculation books. Includes calculations for contracts, specifications of machinery, notes and calculations relating to new buildings, alterations, water supply, technical processes with new drawings.
Reference: MS 11/5/5(1)
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1886
Description: Jottings on the growth and preparation of flax by Peter Carmichael, Dens Works.

Reference: MS 11/5/5(6)
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1886
Description: Personal journal (unidentified): Visit to Lille and Courtrai. A detailed description of the flax-spinning and weaving machinery at Parinchies, near Lille. Includes diagram of the arrangement of the carbon flax scutching and hackling machine.

Reference: MS 11/5/5(22)
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1865
Description: ‘On Factory Chimneys’, by Peter Carmichael. Reprint from the transcription of the Institution of Engineers.

Reference: MS 11/5/16(6)
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1954
Description: Patent in favour of Baxter Brothers for invention by John Gow Taylor for improvements in or relating to yarn spinning, twisting and similar machines. Includes specifications.

Reference: MS 11/7/1
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: c 1908
Description: Photographs of plant and machinery: includes, hackling machines, calendars, chimney stack, Dens Works, Dens Foundry, Dens flax spinning mills.

Reference: MS 11/5/22
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1878-1915
Description: Chief engineer’s book. Includes: reports, experiments, specifications, drawings.

Reference: MS 11/5/42
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date: 1865
Description: Report book. ‘Manufacture of Canvas and Experiments on Spinning’.

Reference: MS 11D
Collection: Baxter Brothers, Linen and Jute Manufacturers, Dundee
Date:
Description: Drawings of various machines, including: winding machines; bevil wheel teeth forming machine; warping machines; looms; hackling machines; flax spreading machines; drawing frames; damping machines; mangles; calendars; hoisting crab; loom shuttles; rubbing machines; yarn hoists; yarn washing machine; yarn squeezer; proofing machine; dyeing machine; starching machine; hydro extractors; mopper feeder; dust shaker; cropping machine; accumulators; cloth measuring machines; patching presses; filling machine. Various plans of factories and plants including machinery locations.

Reference: Ms 15/38/11
Collection: Miscellaneous Manuscripts
Date: 1997
Description: ‘Patrick Geddes Outlook Tower.’ Project presented by Elaine Longden-Chapman for the BSc Honours degree in Physics and Philosophy, University of Dundee, 1997. [Photocopy].

Reference: MS 15/40
Collection: Miscellaneous Manuscripts.
Date: 1964
Description: ‘Quick Concrete Quality Control’, thesis by Heinz Tiede.

Reference: MS 15/65
Collection: Miscellaneous Manuscripts
Date: 1932-1933
Description: Translation by Dr Alexander Muller (Faraday Laboratory), of paper by Walter Heitler and Fritz London: ‘A Quantum-Mechanics explanation of the relation of neutral atoms and of homopolar bonds’.

Reference: MS 15/75/1
Collection: Miscellaneous Manuscripts
Date: 1920’s
Description: Victoria Spinning Co Ltd, Dundee. Photos of twist frames, cop winders and roll winders.

Reference: MS 15/123/2
Collection: Miscellaneous Manuscripts
Date: 1900
Description: Photocopies of photos of the interior of David Corsar & Sons Ltd, Arbroath.

Reference: MS 15/138
Collection: Miscellaneous Manuscripts
Date: 1837
Description: Pamphlet: ‘Report to the commissioners for supplying the City of Perth with water, on the means employed for carrying into effect that measure’ Alan Anderson, LLD, FRSE, Perth.

Reference: MS 15/147
Collection: Miscellaneous Manuscripts
Date: 1881
Description: ‘A Remarkable Old Engine’, Photocopy of article in the Dundee Advertiser, 10th Aug 1881. Drawing and description of a beam condensing engine, operating at W A McIntyre’s, Douglasfield, Bleachfield, Dundee.

Reference: MS 15/149 (12)
Collection: Miscellaneous Manuscripts
Date: 1933
Description: Obituary of J Arthur Thomson ‘cots Scientist of World Renown’; photo included.

Reference: MS 15/150
Collection: Miscellaneous Manuscripts
Date: 1963-1970
Description: Timex Corporation, Dundee. Electric watch service manual and parts catalogue. Mechanical watch service manual and parts catalogue; includes photographs and diagrams.

Reference: MS 15/151
Collection: Miscellaneous Manuscripts
Date: 1958
Description: Buck and Hickman Ltd, toolmakers and engineers, London. Catalogue of tools and supplies for all mechanical trades; illustrated.

Reference: MS 30/6
Collection: Tay Bridge Collection
Date:
Description: Photocopies of drawings, copy photographs and articles, mainly related to the work of Sir Thomas Bouch, and Tay and Forth bridges.

Reference: MS 42/16(5)
Collection: Giddings & Lewis-Fraser, Engineers, Arbroath
Date: 1886
Description: Copy provisional specification of the invention ‘Improvements in the manufacture of door mats: and other like kinds of mats or matting’, by Patrick Fraser.

Reference: MS 42/20
Collection: Giddings & Lewis-Fraser, Engineers, Arbroath
Date: c.1948-1950
Description: Photograph of interior of Wellgate Foundry, Arbroath, showing twin furnaces, cast for pit wheel, interior of Wellgate Foundry Arbroath.

Reference: MS 42/21
Collection: Giddings & Lewis-Fraser, Engineers, Arbroath
Date:
Description: Photographs of plant and machinery, including: jute softener; spinning machine; breaker cards; finisher cards; roll former; lathe machinery; sewing machines; embroidering machine. [see INDPHO database for details]

Reference: MS 42P
Collection: Giddings & Lewis-Fraser, Engineers, Arbroath
Date:

Reference: MS 45/3/1
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1892-1908
Description: Various letters concerning the operation of rice milling machinery and steam engines.

Reference: MS 45/3/3
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1914-1915
Description: Letter book: ‘Charles E Douglas’s Eastern Tour No II’ Description of commerce in Indo-China (Vietnam) in general including a description of plant and machinery.

Reference: MS 45/3/4(2)
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1909
Description: Blueprint showing arrangement of 2 rice pearling cones.

Reference: MS 45/3/5
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1904-1926
Description: File: ‘Rice Mill Data, Misc.’: policy and technical reports.

Reference: MS 45/3/6
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1907-1924
Description: File: ‘Rice Mill Data, Saigon’.

Reference: MS 45/3/7
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1908-1943
Description: File: ‘Rice Mill Data, America’.

Reference: MS 45/3/8
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1911-1926
Science & technology
Sources from the University of Dundee Archive's collections

Description: File: ‘Rice Mill Data, Tanjore, Madras, South India, Calcutta’: policy and technical reports; drawings of mills.

Reference: MS 45/3/9
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1920-1926
Description: File: ‘Rice Mill Data, Bangkok’: policy and technical reports.

Reference: MS 45/3/10-14
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: n.d.
Description: Various files on rice production.

Reference: MS 45/3/19-32.
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: n.d.
Description: Various files concerning plant and equipment. Includes: gas engines, artesian wells, irrigation, oil refining, tanning.

Reference: MS 45/4
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: 1924-1952
Description: Small volumes: memo books and diaries kept by Lewis C Grant; technical data particularly as to setting up rice making machines, tests, production notes, diagrams, daily events, etc. mainly overseas.

Reference: MS 45/5
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: n.d.
Description: Production and technical records. Includes steam engine specifications.

Reference: MS 45/6
Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: n.d.
Description: Catalogues. Various pamphlets and leaflets pertaining to plant and machinery. Includes, coffee machinery, rice making machinery, indented cylinders, seed cleaning machinery, electric resistance welders, oxygen cutting machines, disintegrators, pulverising and sifting machinery, tea driers, air heaters, reversible propeller fans, tea packers, rice thrashing machinery, oil engines, atomic diesel cold starting engines, steam engines, factory lighting equipment, bakery machines, oil mill machinery, paddle wheel fans, water purification machines, air compressors, spiral conveyors, flour mill machinery, polishing machinery, power tools.

Reference: MS 45/9/16
Science & technology
Sources from the University of Dundee Archive’s collections

Collection: Lewis C Grant, Engineers, Dysart (Douglas & Grant Ltd)
Date: n.d.
Description: Advertisement featuring a 26-head linoleum carpet printing machine.

Reference: MS 47D/1-13
Collection: W G Grant & Co Ltd, Linen Manufacturers, Panmure Works, Carnoustie
Date: 1857-1913
Description: Plans and technical drawings of plant and machinery, including: power loom factory, drains and filtering ponds, pits and pipe tracks, motion shafts, ashlar blocks, engines and boiler piping, exciter.

Reference: MS 50/1-13
Collection: Sir Robert Robertson (1869-1948), Government Chemist and Explosives Expert
Date: 1894-1945
Description: Reprints of articles, lectures and addresses mainly from scientific journals, on a wide variety of scientific and science related subjects by various authors. Includes the relation of science to society and industry; and accounts of the work of famous scientists.

Reference: MS 50/14
Collection: Sir Robert Robertson (1869-1948), Government Chemist and Explosives Expert
Date: 1897-1945
Description: Reprints of articles by Sir Robert Robertson. Including studies in infra-red, explosives and diamonds.

Reference: MS 50/15
Collection: Sir Robert Robertson (1869-1948), Government Chemist and Explosives Expert
Date: 1911-1948
Description: Reprints of articles from journals, mainly on the study of ‘Infra-red spectroscopy’.

Reference: MS 50/16
Collection: Sir Robert Robertson (1869-1948), Government Chemist and Explosives Expert
Date: 1920-1954
Description: Correspondence and some loose papers. Some relating to the establishment of an international scientific centre in France.

Reference: MS 55/1
Collection: DR ALEXANDER SCOTT FRS (1853-1947)
Date: 1851-1896
Description: Various letters to Dr William J Russell FRS referring to the teaching of chemistry to medical students.

Reference: MS 55/2
Collection: DR ALEXANDER SCOTT FRS (1853-1947)
Date: 1885-1935
Description: Various letters to Dr Alexander Scott FRS. Subjects include, discovery of rotating rings of light produced by the introduction of a magnetic field in a vacuum through which an electric current has been passed.

Reference: MS 57/1/11
Collection: OGILVIE, COWAN & CO, SOLICITORS, DUNDEE
Date: 1905
Description: John E Lacon’s Trust: Miscellaneous estate and family papers, including offer for supplying or repairing water wheel at Duntrune Mill (with specifications and estimate by Douglas Foundry and Blackness Foundry).

Reference: MS 57/2/3
Collection: GOURLAY BROTHERS & CO, (DUNDEE), LTD, ENGINEERS AND SHIPBUILDERS
Date: 1900-1908
Description: Inventories and valuations of plant and machinery in various works in liquidation. These include engines, boilers, steam water pipe connections, main shafting gearing and all moveable plant and tools belonging to Gourlay Brothers and Co Ltd, in liquidation.

Reference: MS 57/2/14
Collection: GOURLAY BROTHERS & CO, (DUNDEE), LTD, ENGINEERS AND SHIPBUILDERS
Date: 1908
Description: Plan of Camperdown Shipyard, Dundee. (Blueprint).

Reference: MS 57P/5
Collection: OGILVIE, COWAN & CO, SOLICITORS, DUNDEE.
Date: 1805
Description: Plan of the estate of Duntrune, Angus: shows acreages and drainage system, with note as to measurement of drains and instructions for forming drains.

Reference: MS 60/1/3
Collection: CAIRD (DUNDEE) LTD, JUTE MANUFACTURERS, DUNDEE
Date: 1917
Description: Works’ engineer’s notebook: Includes structural details and sketches of Ashton and Craigie Works, also Bowbridge Works. Notes of processes carried out and machinery in different departments and notes on jute mill building in general, particularly roof construction.

Reference: MS 60/3/1
Collection: CAIRD (DUNDEE) LTD, JUTE MANUFACTURERS, DUNDEE
Date: 1930
Description: Photographs of various plants and machinery owned and operated by Caird (Dundee) Ltd. Includes, bale openers, drawing frames with finisher cards, spinning frames. [see INDPH0 database for details]
Reference: MS 66/II/9/3
Collection: COX BROTHERS LTD, JUTE SPINNERS & MANUFACTURERS, DUNDEE
Date: 1886-1918
Description: Notebook containing particulars of machinery, notes and figures regarding the firm's production, reports on the products of other firms.

Reference: MS 66/IX/5
Collection: BOASE SPINNING CO LTD, FLAX, HEMP & JUTE SPINNERS & MANUFACTURERS, DUNDEE
Date:
Description: Photographs of plant and machinery including, internal views of Hawkslaw, Leven and Rockwell Works, Dundee, showing the processes of hackling, carding drawing frames, gill spinning, pin winding, flax canvas weaving calendaring, testing strength of canvas. [See INDPHO database for details]

Reference: MS 66/X/11/31
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee
Date: 1928-1930
Description: File ‘No 5-private sundries’. Correspondence between F M Richardson and various home and overseas firms. Includes details relating to the development of, and marketing of a replacement for jute.

Reference: MS 66/X/12/2
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee
Date: 1930-1932
Description: File ‘No 6, private sundries’. Correspondence on the process of ‘woolenising’ jute.

Reference: MS 66/X/12/2
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee
Date: 1955-1957
Description: Aerial, external and internal views recording the construction and establishment of Douglasfield Works, Dundee. [see INDPHO database for details]

Reference: MS 66/X/12/2-3
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee
Date:
Description: Photographs of various plant and machinery including, cranes, preparing floors, warehouses, air conditioning plant, all at Douglasfield Works, Dundee. Also includes photos of belt driven looms, drawing frames, spinning frames, roll winders, bale openers, reel boxes. [See INDPHO database for details]

Reference: MS 66/X/45
Collection: Sidlaw Industries, (Previously Jute Industries Ltd), Dundee
Date:
Science & technology
Sources from the University of Dundee Archive’s collections

Description: Miscellaneous carpet and linoleum samples. (Found with letter files MS 66/X/11/26-MS 66/X/11/43)

Reference: MS 66/XI/42
Collection: MISCELLANEOUS ASSOCIATED, AFFILIATED AND SUBSIDUARY CO’S OF JUTE INDUSTRIES LTD.
Date: 1934
Description: Blueprint of cast iron squeezing rollers for cloth drying jigger, Tay Carpet Works, Dundee.

Reference: MS 66/XII/3/4
Collection: MISCELLANEOUS AND UNIDENTIFIED PAPERS IN THE SIDLAW ARCHIVE
Date: 1920-1922

Reference: MS 66/XII/3/6
Collection: MISCELLANEOUS AND UNIDENTIFIED PAPERS IN THE SIDLAW ARCHIVE
Date: 1893

Reference: MS 66/XII/4/1
Collection: MISCELLANEOUS AND UNIDENTIFIED PAPERS IN THE SIDLAW ARCHIVE
Date: 1950
Description: Pamphlet in Russian and English explaining the growing and harvesting of flax and hemp in the Soviet Union.

Reference: MS 71/6/1
Collection: BUIST SPINNING CO LTD, DUNDEE
Date: 1900-1932
Description: Scrapbook containing newspaper cuttings mainly from the ‘Kidderminster Shuttle’, a local trade’s paper, relating to the British jute industry in general.

Reference: MS 75P/23
Collection: MISCELLANEOUS PLANS.
Date: 1951
Description: Photocopy of plan of Wallace Craigie Works, Dundee, premises of William Halley & Sons Ltd. Showing layout of machinery and with elevations showing developments 1828-1890.

Reference: MS 75P/24
Collection: MISCELLANEOUS PLANS.
Date: 1950
Science & technology
Sources from the University of Dundee Archive’s collections

Description: As MS 75P/23, but showing machinery layout 1835-1950.

Reference: MS 75P/25/1
Collection: MISCELLANEOUS PLANS.
Date: 1890
Description: Plan of fire mains in Clepington Works, bounded by Arklay Street, Tannadice Street, Clepington Street and Dundonald Street.

Reference: MS 75P/25/2
Collection: MISCELLANEOUS PLANS.
Date: n.d.
Description: Patent expanding friction clutch coupling 15 inch diameter. [Blueprint].

Reference: MS 77/11
Collection: MISCELLANEOUS PHOTOGRAPHS AND PRINTS.
Date: 1781
Description: Engraving of the Solar System, showing orbits of the 6then-known planets, their relative size and appearance through a telescope. Also includes an impression of the surface of the Moon, information on eclipses and comets and aspects of the Jovian and Saturnian satellite systems.

Reference: MS 82/1/1(6)
Collection: WILSON FAMILY PAPERS (1695-1949)
Date: 1833
Description: Excerpt from specification of Charles Watt relating to candlemaking process.

Reference: MS 82/1/5(7)
Collection: WILSON FAMILY PAPERS (1695-1949)
Date: 1841-1843
Description: Notebook containing some details of candlemaking processes; writer unidentified.

Reference: MS 83/14/8
Collection: JUTE IMPORTERS ASSOCIATION.
Date: 1929-1945
Description: Details of moisture tests on raw jute.

Reference: MS 83/14/13
Collection: JUTE IMPORTERS ASSOCIATION.
Date: n.d.
Description: Correspondence, notes and other papers relating to excessive moisture in jute.1933-1941. Includes Manchester Chamber of Commerce Testing House and Laboratory: particulars of examination, preliminary report upon three samples of jute. January and March 1910.

Reference: MS 83/15/1-5
Collection: JUTE IMPORTERS ASSOCIATION.
Date: c.1900
Description: Various photographs connected with the cultivation and manufacture of jute. [see INDPHO database for details]

Reference: MS 84/27/4
Collection: ASSOCIATION OF JUTE SPINNERS AND MANUFACTURERS.
Date: 1968-1969
Description: File containing papers related to AJSM polypropylene involvement with conventional machines, work studies undertaken.

Reference: MS 84/31/15
Collection: ASSOCIATION OF JUTE SPINNERS AND MANUFACTURERS.
Date: 1965
Description: AIC Booklet, Mackie Apron Draft Spinning Frames, with handwritten notes relating to performance figures.

Reference: MS 84/31/30
Collection: ASSOCIATION OF JUTE SPINNERS AND MANUFACTURERS.
Date: 1969
Description: Papers relating to the development of polypropylene on conventional machines and minutes and memo regarding same.

Reference: MS 84/33/22
Collection: ASSOCIATION OF JUTE SPINNERS AND MANUFACTURERS.
Date: 1971

Reference: MS 84/36/1
Collection: ASSOCIATION OF JUTE SPINNERS AND MANUFACTURERS.
Date: 1921
Description: Lawrence Jute Mill: Albums of photographs showing various external and internal views of plant and machinery. [see INDPHO database for details]

Reference: MS 86/I/11(5)
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: 1883
Description: Specification of improved five roller calendar, Wallace Foundry, Dundee.

Science and Technology Source List Part Two
or back to Science and Technology Source List index.

Reference: MS 86/I/11(6)
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: 1874
Description: Specification for two steam boilers for Samnuggur Co, Calcutta.

Reference: MS 86/I/11(11)
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: 1889

Reference: MS 86/I/11(12)
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: 1889

Reference: MS 86/I/11(13)
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: c.1889
Description: Freehand pencil diagrams of machinery. Includes; pumps, boilers, engines, pipes, filters.

Reference: MS 86/II/D
Collection: VICTORIA JUTE FACTORY CO LTD, SPINNERS AND MANUFACTURERS, CALCUTTA.
Date: n.d.
Description: Drawings of various pieces of machinery, includes the layout of machinery.

Reference: MS 86/III/11/4
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.
Date: 1893
Description: Specifications of cast iron columns, Douglas Foundry.

Reference: MS 86/III/11/5
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.
Date: 1893
Description: Specifications of rolled girders, Douglas Foundry.

Reference: MS 86/III/11/12
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.
Date: 1891
Description: Specifications and prices of hydraulic pumps for packing-press from Urquart, Lindsay & Co, Blackness Foundry, Dundee.

Reference: MS 86/III/11/14
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.
Science & technology
Sources from the University of Dundee Archive’s collections

Date: 1891
Description: Specification and estimate for the supply of 8 hydraulic pumps. Fawcett, Preston & Co Ltd, Liverpool to Alexander Nicoll, Dundee.
Reference: MS 86/III/11/18
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.

Date: 1893
Reference: MS 86/III/11/19
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.

Date: 1892
Description: Specifications of columns with regard to roof water drainage.
Reference: MS 86/III/11/22
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.

Date: 1887
Description: Photograph of a Thomas Beeley boiler.
Reference: MS 86/III/11/25
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.

Date: 1894
Description: Photograph of Combes' patent roll winder for making rolls up to 9in long by 8in diameter. Combe, Barbour & Combe Ltd, Belfast.
Reference: MS 86/III/11/26
Collection: Titaghur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta.

Date: 1928-1932
Description: Patents and assignments of Oswald Lambert's 'Improvements in Spindle-Driving Mechanism for Spinning, Twisting or Like Frames', made in favour of Angus Co Ltd. Includes 10 plans and description of 'Improvements in and relating to Steam Distribution for Locomotives', made by Hugo Lentz and Charles Bellens.
Reference: MS 86/V/11
Science & technology
Sources from the University of Dundee Archive’s collections

Date: 1944-1971
Description: Files relating to the modernisation and electrification of the Indian jute mills.

Reference: MS 86/V/13/1
Collection: Thomas Duff & Co Ltd, Managing Agents, Dundee & Calcutta
Date: c1881-1889
Description: Small notebook containing various technical statistics and calculations.

Reference: MS 86/V/13/27
Collection: Thomas Duff & Co Ltd, Managing Agents, Dundee & Calcutta
Date: 1948-1949
Description: Correspondence regarding schemes for jute bale handling in godowns; includes specifications and drawings.

Reference: MS 86/V/14/1
Collection: Thomas Duff & Co Ltd, Managing Agents, Dundee & Calcutta
Date: n.d.
Description: Sections (A&B) of spinning machinery showing direction taken by yarn through mechanism and on to bobbin.

Reference: MS 86/V/14/2
Collection: Thomas Duff & Co Ltd, Managing Agents, Dundee & Calcutta
Date: n.d.
Description: 3 drawings illustrating the action of the Silver Stop Motion.

Reference: MS 86/VI/14/5
Collection: HARDIE & SMITH LTD, JUTE SPINNERS AND MANUFACTURERS, DUNDEE.
Date: 1940
Description: Notes on the cultivation and preservation of jute.

Reference: MS 86/I/D
Collection: Samnuggur Jute Factory Co Ltd, Spinners and Manufacturers, Calcutta
Date: n.d.
Description: Drawings and plans of plant and machinery. Including: boilers, rolled girders, dressing machines, gearing.

Reference: MS 86/XXII/2
Collection: INDIAN JUTE MILLS ASSOCIATION.
Date: 1943-1964
Description: Research institute reports.

Reference: MS 86/XXIV
Collection: BRITISH JUTE TRADE RESEARCH ASSOCIATION.
Date: 1948-1969
Science & technology
Sources from the University of Dundee Archive’s collections

Description: Annual reports, technical notes, association news and bulletins

Reference: MS 86/XXVI/5
Collection: Photographs (in A & S Henry Archive)
Date: c1950's
Description: Samnuggur factory engine (James Carmichael, Dundee, 1919), flywheel, rope race, shafting and drive to looms. (13 photos).

Reference: MS 86/XXVI/10
Collection: Photographs (in A & S Henry Archive)
Date: 1945
Description: Angus: details of spinning frame, demonstrating doffing of full bobbins and replacement with empty ones; also shows Conversion Cylinder Drive and Breast Plate and compares Breast Plate and Rove Stop Motion made by James Mackie with those made by James F Low.

Reference: MS 86/XXVI/11
Collection: Photographs (in A & S Henry Archive)
Date: 1957
Description: Angus: roll formers on Angus finishers.

Reference: MS 86/XXVI/12
Collection: Photographs (in A & S Henry Archive)
Date: 1957
Description: Victoria No 2 Mill: roll formers on Angus finishers. General interior view.

Reference: MS 86/XXVI/13
Collection: Photographs (in A & S Henry Archive)
Date: n.d. 1957?
Description: Unidentified (Angus Engineering Works?) interior views showing details of Angus spinning frame.

Reference: MS 86/XXVI/15
Collection: Photographs (in A & S Henry Archive)
Date: c1930's & 1940's
Description: Miscellaneous photographs: including - engine and boilers; loom and spinning machinery.

Reference: MS 86/XXVI/16
Collection: Photographs (in A & S Henry Archive)
Date: n.d. c1930's
Description: ‘Jute: seed to Pukka Bale’; series of photographs printed on postcards showing various stages in the growing and processing of raw jute from planting to jute bales being loaded on to a ship.
Reference: MS 86/XXVI/30
Collection: Photographs (in A & S Henry Archive)
Date: c1950's - 1960's
Description: Hardie & Smith Ltd: interior views of Baltic Works, Dundee, showing various machines.

Reference: MS 89/6
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: 1850-1947
Description: Machinery orders and books with drawings: including winders and other machines.

Reference: MS 89/8
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: 1867-1955
Description: Index Drawing Office No 1, specification books, list of spares for various machines.

Reference: MS 89/10/1-17
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: 1946-1959
Description: Erection, lubrication and starting up instructions for various machines, including: bale openers, jute softener (with drawings), dust shaker, waste breaker (with drawings), drawing frames (with drawings), special roving frame (with drawings), power reel (with drawings), cop winder, roll winder.

Reference: MS 89/11/15
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: 1970
Description: Brochure for Lambert automatic cop winding machines.

Reference: MS 89/12
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: 1928
Description: Photographs of machines manufactured by James F Low, including: bale opener, crimper softeners, jute softeners, dust shakers, hemp softeners, teaser, combers, doffer breakers, cards, cop winders, roll winders. [see INDPHO database for details]

Reference: MS 89D
Collection: James F Low & Co Ltd, Textile Engineers, Monifieth
Date: n.d.
Description: Drawings and plans of machinery. Includes; breaker and finisher cards, spinning frames, cop and pirn winders, foundry tools, drawing frames, twist frames, back uprights.
Collection: ASHWELL & NESBIT LTD, WARMING AND VENTILATION ENGINEERS, LONDON & LEICESTER.
Date: 1912-1916
Description: Plans and drawings of Dundee Training College. Includes drawings of ventilation equipment.
Reference: MS 93/3

Collection: D J Macdonald Ltd, Engineers, Dundee
Date: n.d.
Description: Illustrated lists of parts of various machines. Including sewing machines, printing machines and impregnating machines.
Reference: MS 93/4/1-3

Collection: D J Macdonald Ltd, Engineers, Dundee
Date: n.d.
Description: Catalogue for closing machine and sewing machines.
Reference: MS 93/5

Collection: D J Macdonald Ltd, Engineers, Dundee
Date: n.d.
Description: Photographs of various sewing machines, printing machines, measuring machines, mechanical presses and cutting machines. [see INDPHO database for details]
Reference: MS 93D

Collection: D J Macdonald Ltd, Engineers, Dundee
Date: n.d.
Description: Drawings and plans of various types of machines. Includes, sack cutting machines, sack printing machines, sack numbering machines, sewing machines, miscellaneous textile machinery, high speed compound engines. Plans of works showing layout of machinery.
Reference: MS 94/I/6

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1954-1971
Description: Machinery production costs.
Reference: MS 94/I/10/4

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1955-1970
Description: Machinery brochures.
Reference: MS 94/II/3

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: n.d.
Description: Machinery specifications and costings of various types of machines. Includes, measuring and rolling up machines, double-ended dry beaming machines, looms, hank scouring machines, pre-printers, damper processors, cylinder dressing and beaming machines, hydraulic calendars, bale openers, connecting machines.

Reference: MS 94/II/4
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: n.d.
Description: Inventories and valuations of engineering and foundry plant, machinery, etc., at Lawside Foundry.

Reference: MS 94/II/6/7
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1971
Description: Lawside Foundry: a survey of the operating conditions and facilities within the foundry. Includes sketches.

Reference: MS 94/II/6/8
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: c1955-c1970
Description: Machinery brochures.

Reference: MS 94/III/4-5
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: c1970

Reference: MS 94/III/9
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: c1970
Description: Machinery brochures.

Reference: MS 94/IV/2
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1966
Description: Specifications and machinery prices.

Reference: MS 94/IV/3
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1970-1971
Description: Costings book for components, supplied and manufactured, and assemblages.
Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1952-1953
Description: Hydraulic and pneumatic squeeze rolls test file.
Reference: MS 94/IV/5

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: 1956-1959
Description: Bleading process description file.
Reference: MS 94/IV/7

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: c1970
Description: Machinery brochures.
Reference: MS 94/V/3

Collection: Thomas C Keay Ltd, Engineers & Mill Furnishers, Dundee.
Date: c1970
Description: Machinery brochures.
Reference: MS 94/VI

Collection: Thomson Shepherd & Co Ltd, Jute Spinners and Manufacturers, Dundee; Thomson Shepherd (Yarns) Lt
Date: 1852
Description: Letter patent, No 603, in favour of David Thomson, for ‘Improvements in the Manufacture of Carpets’.
Reference: MS 95/2/5(1)

Collection: Thomson Shepherd & Co Ltd, Jute Spinners and Manufacturers, Dundee; Thomson Shepherd (Yarns) Lt
Date: 1888
Description: Letter patent, No 18497, in favour of Walter Shepherd, for ‘an improved weaving process and looms for weaving rugs, mats and like fabrics’.
Reference: MS 95/2/5(3)

Collection: Thomson Shepherd & Co Ltd, Jute Spinners and Manufacturers, Dundee; Thomson Shepherd (Yarns) Lt
Date: 1936-1943
Reference: MS 95/12/6
Description: Insurance Reserve Book. Relates to breakdown of machines. Details include description of machine insured, manufacturer and date of manufacture, factory location, maximum rating for continuous working and sum for which machine is insured.

Reference: MS 95/12/7
Collection: Thomson Shepherd & Co Ltd, Jute Spinners and Manufacturers, Dundee; Thomson Shepherd (Yarns) Lt
Date: 1935-1936
Description: Reports and correspondence concerning experiments carried out on behalf of Thomson Shepherd & Co Ltd, by Radiation Research Laboratory, Glasgow, on bleaching, dyeing and printing processes at Seafield Works, Dundee.

Reference: MS 97/2
Collection: JAMES BALLANTYNE HANNAY, CHEMIST AND INNOVATOR (1855-1931).
Date: nd
Description: Papers and correspondence relating to research work into diamonds and other minerals carried out by James Ballantyne Hannay, Sir Robert Robertson KBE FRS and others; and research into the life and work of J B Hannay. Research is mainly by Einer P Flint and Robert H S Robertson.

Reference: MS 98/4/1
Collection: H & A SCOTT LTD, TEXTILE MANUFACTURERS, DUNDEE. INCORPORATING ALEXANDER LAURIE & CO, ROTHES PLA
Date: 1860
Description: Valuation of stock equipment and office machinery.

Reference: MS 98/7/1
Collection: H & A SCOTT LTD, TEXTILE MANUFACTURERS, DUNDEE. INCORPORATING ALEXANDER LAURIE & CO, ROTHES PLA
Date: n.d.
Description: Plan of loom.

Reference: MS 99/6
Collection: SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY, JUTE SPINNERS AND MANUFACTURERS, DUNDEE.
Date: n.d.
Description: Guides to loom occupational value (L.O.V.) calculations.

Reference: MS 100/I/8/4
Collection: Don & Low (Holdings) Ltd. Incorporating Don Bros, Buist & Co Ltd., Spinners and Manufacturers,
Date: 1844-1857
Description: Calculation Book.

Reference: MS 100/I/8/5-7
Science & technology
Sources from the University of Dundee Archive’s collections

Collection: Don & Low (Holdings) Ltd. Incorporating Don Bros, Buist & Co Ltd., Spinners and Manufacturers,
Date: 1926-1940
Description: Specification books. Includes samples of material.

Reference: MS 100/I/10/1
Collection: Don & Low (Holdings) Ltd. Incorporating Don Bros, Buist & Co Ltd., Spinners and Manufacturers,
Date: 1935
Description: Report on the scientific and technical development of the Indian jute manufacturing industry in Bengal.

Reference: MS 100/I/10/3
Collection: Don & Low (Holdings) Ltd. Incorporating Don Bros, Buist & Co Ltd., Spinners and Manufacturers,
Date: 1896
Description: ‘The Construction of the Power Loom and the Art of Weaving’, by Alex Brown.

Reference: MS 100P/9
Collection: Don & Low (Holdings) Ltd. Incorporating Don Bros, Buist & Co Ltd., Spinners and Manufacturers,
Date: 1897

Reference: MS 100/P/10
Collection: Don & Low (Holdings) Ltd. Incorporating Don Brothers Buist & Co. Ltd, Spinners and Manufacturer
Date: 1913
Description: Arrangement of steam and feed pipes for Don Brothers, Buist & Co, Station Works, Forfar.

Reference: MS 100/P/11-P/32
Collection: Don & Low (Holdings) Ltd. Incorporating Don Brothers Buist & Co. Ltd, Spinners and Manufacturer
Date: 1908-1928
Description: Machines and machinery drawings and plans of trip gears, air pumps, piping.

Reference: MS 101/10/3/1
Collection: Wm. R Stewart & Sons (Hacklemakers) Ltd
Date: 1970
Description: Fibrillating machine parts list. Shell Int. Research, Maatschapij.

Reference: MS 101/10/3/4
Collection: Wm. R Stewart & Sons (Hacklemakers) Ltd
Date: 1970-1972
Description: Fibrillating machine tests and trials for clients. Correspondence mainly with Thorn Automation, Rugeley, Staffs.

Reference: MS 101/10/4/3
Collection: Wm. R Stewart & Sons (Hacklemakers) Ltd
Date: 1972
Description: Foam shredder. Market survey report and letter concerning the Wilki foam shredder.

Reference: MS 101/10/4/5
Collection: Wm. R Stewart & Sons (Hacklemakers) Ltd
Date: 1964
Description: Australex. Textile machinery market report discussing main classes of machinery used in Australian textile industry.

Reference: MS 101/10/4/6
Collection: Wm. R Stewart & Sons (Hacklemakers) Ltd
Date: n.d.
Description: Mrs Arbuthnot's notes on hackle-making machinery and machine tools (24pp).

Reference: Recs C3/1(7)
Collection: John Edward Aloysius Steggall, (1855-1935)
Date: 1905
Description: 'Education and Machinery. 'Paper given to the Ruskin Society.

Reference: Recs C3/1(9)
Collection: John Edward Aloysius Steggall, (1855-1935)
Date: 1908
Description: 'A Pioneer in Hydraulics'(Mark Beaufoy).Paper given to Dundee Society of Engineers.

Reference: Recs C3/1(16)
Collection: John Edward Aloysius Steggall, (1855-1935)
Date: n.d.
Description: 'Lectures on Astronomy.'

Reference: Recs C3/1(37)
Collection: John Edward Aloysius Steggall, (1855-1935)
Date: 1898
Description: 'Teaching of Mathematics and Physics. 'Paper given at Glasgow.
Date: 1926
Description: ‘The Vector Trolley. ‘Article by EJA Atkinson. (Printed).

Reference: Recs C3/3(4)
Collection: John Edward Aloysius Steggall, (1855-1935)
Date: n.d.
Description: ‘Capstan Block System of Apparatus. ‘Leaflet advertising and illustrating Cussons’ apparatus for Experimental Mathematics and Mechanics. Also includes leaflet illustrating mathematical models. (Printed).

Reference: Recs C 15/1/8
Collection: ARCHIBALD DUNCAN CAMPBELL, (1920-1975), PROFESSOR OF ECONOMICS
Date: 1948
Description: Jute: Board of Trade working party report.

New collections come in all the time so please check our online catalogue for up to date information at http://arccat.dundee.ac.uk/