



Reference Number: **1979.0066**
Collection/Series Title: **UNIVERSITY OF MELBOURNE.
FACULTY OF ENGINEERING**

Creator	University Of Melbourne. Faculty Of Engineering
Creator's Activity/Occupation	University Department - University committee - University faculties
Creator's Historical Note <p>This Faculty first met in 1889, but engineering had been taught at the University since 1861, with a three-year Certificate course. William Charles Kernot, who had graduated B.A. with honours in 1864 and obtained the Certificate in 1866, and had ten years' experience in the Victorian Departments of Mines, Water Supply and Railways, became Lecturer, then Lecturer-in-charge of Engineering in 1875. A degree course having been introduced, he became Professor in 1883. On his death in 1909 he was succeeded by Henry Payne (1910-1931), who in turn was succeeded by Kernot's much younger brother, Wilfred Noyce Kernot and (1937-1945) Aubrey Burstall. After World War II three Chairs were established (for Civil, Electrical and Mechanical Engineering, to be occupied by L. Matheson, (also Dean), C.E. Moorhouse and R. Blackwood). The Chair of Metallurgy, established in 1924 with J. Neill Greenwood as occupant, was abandoned in 1955 after the departure of H.K. Worner, but new departments with sub-professorial heads were established, with new degree courses in various branches of engineering.</p>	
Date Range of Collection/Series	1887-1927
Size/Extent	12 volumes
Access Conditions	Access: Restricted
Scope and Content of Collection/Series <p>Results of tests (torsion, compression, tension) on materials, performed for various government authorities and firms under Prof W.C. Kernot and Prof Henry Payne. These comprise: 1. Compression 1888-1912 2. Cross breaking 1888-1912 3. Tension 1887-1912 4. Torsion & miscellaneous 1890-1912 5. Materials 1910-1912 6. Materials 1912-1916 7. Materials 1916-1918 8. Materials 1918-1922 9. Materials 1922-1924 10. Materials 1924-1926. Also, letter book 1919-1927 of Engineering School correspondence from George Higgins and one roll book of students in Hydraulic Engineering 1936-48 (includes small number loose folios of correspondence regarding enrollment of some students). Higgins was a lecturer in surveying and later, Civil Engineering.</p>	
Collection Category	University, official
This document dated	22/12/2014

**To request access to records on the list below via the University of Melbourne Archives
Reading Room, quote the Unit/Box reference in full.**

Unit/Box	Item Number	Title	Date Range	Description
1979.0066 Unit 1	1979.0066.0001		1888-1912	Record of Compression Tests, 5 May 1888 - 2 September 1912
1979.0066 Unit 2	1979.0066.0002		1888-1912	Record of Cross Breaking Tests, 29 February 1888 - 22 October 1912
1979.0066 Unit 3	1979.0066.0003		1887-1912	Record of Tension Tests, 4 August 1887 - 5 December 1912
1979.0066 Unit 4	1979.0066.0004		1890-1930	Record of Torsion & Miscellaneous Tests, 13 Jan 1890 - 15 November 1912; Blackwood's Welding Tests 1930
1979.0066 Unit 5	1979.0066.0005		1910-1912	Engineering Materials Testing, 15 March 1910 - 19 June 1912
1979.0066 Unit 6	1979.0066.0006		1912-1916	Engineering Materials Testing; (H. Payne); 20 June 1912 - 15 May 1916
1979.0066 Unit 7	1979.0066.0007		1916-1918	Engineering Materials Testing; 19 May 1916 - 10 December 1918
1979.0066 Unit 8	1979.0066.0008		1918-1922	Engineering Materials Testing; (H. Payne); 10 December 1918 - 15 June 1922
1979.0066 Unit 9	1979.0066.0009		1922-1924	Engineering Materials Testing; 19 June 1922 - 20 June 1924
1979.0066 Unit 10	1979.0066.0010		1924-1926	Engineering Materials Testing; 23 June 1924 - 17 February 1926
1979.0066 Unit 11	1979.0066.0011		1936-1948	Roll Book 1936-1948
1979.0066 Unit 12	1979.0066.0012		1919-1927	Letter Book 1919-1927

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