Guide to the Merrill S. Hugo Papers

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Overview
Call Number: SC0352
Creator: Hugo, Merrill S.
Title: Merrill S. Hugo papers
Dates: 1901-1960
Bulk Dates: 1941-1960
Physical Description: 5 Linear feet
Language(s): The materials are in English.
Repository: Department of Special Collections and University Archives
Green Library
557 Escondido Mall
Stanford, CA 94305-6064
Email: specialcollections@stanford.edu
Phone: (650) 725-1022
URL: http://library.stanford.edu/spc

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Cite As
[identification of item], Merrill S. Hugo Papers (SC0352). Dept. of Special Collections and University Archives, Stanford University Libraries, Stanford, Calif.

Biographical/Historical note
Hugo, a 1924 engineering graduate of Stanford and a Major with the United States Army Ordnance Department, joined the Stanford faculty in 1930 and served as director of the Gage Laboratory, School of Engineering.

Scope and Contents
The materials consist of records the Gage Laboratory and the Stanford School of Engineering. Included are correspondence, research notes, procedural manuals, tolerance tables, technical reports, blueprints, schematics, transparencies, and diagrams.

Access Terms
Stanford University. Gage Laboratory.
Stanford University. School of Engineering. Faculty.
Engineering.
Ordnance.

Papers
Box 1

History of Gage Laboratory

Scope and Content Note
Gage Lab correspondence during the 1940's; Report of Gage Meeting in Philadelphia, 1943; History of Metrology; History of Gage Manufacturers; Stanford Ordnance School: Bibliography of Light Metals & Alloys
Box 2  
**Operation of Laboratory**  
Scope and Content Note  
Gage Laboratory procedures - Job Instruction: Planning Group Report; operation of Gage Laboratory

Box 3  
**Professional Organizations/Education**  
Scope and Content Note  
Gage Laboratory instructions (Hugo’s copy); Professional Engineering Organization: Education committee; California Society of Professional Engineers

Box 4  
**Registration of Engineering Teachers**  
Scope and Content Note  
California Society of Professional Engineers: correspondence, journals, committees

Box 5  
**Gage Laboratory**  
Scope and Content Note  
correspondence with Dept. of War: Office of Chief of Ordnance; inspection forms; Gage Tolerance Tables; Gage Transparencies & Diagrams

Box 6  
**Gage Laboratory**  
Scope and Content Note  
Blueprints & schematics; working Lab notes/tables/charts; research notes; History of Stanford Engineering: report to C.D. Marx, 1901; tolerance table

Box 7  
**Stanford Engineering department**  
Scope and Content Note  
Engineering professor’s reprints; time schedules; newspaper/magazine clippings; project reports; 35mm black and white slides: Gage Laboratory

Box 8  
**Inspectors Manual for Macroetching, report no. 313.1/10 N.L. Read, 1941**  
**Directives of the Gage section; Industrial service Research & Engineering Division Ordnance Department (M.S. Hugo)**  
**Directives of the Gage section; Industrial Service Research & Engineering Division Ordnance Department (edition differs from previous entry)**  
**Military Standard Gages, Snapf Plain, Adjustable MIL-STD-118 14 January 1953**  
**Military Standard Gages, Plug, Plain, Cylindrical (GO) MIL-STD-110 25 January 1951**  
**Military Standard Gage Inspection MIL-STD-120 12 December 1950 (2 copies)**  
**Quality Control with DoAll Gages and Gage Instruments: a Handbook of Scientific Inspection**  
**Manual Gage Inspection: prepared under the direction of the Chief of Ordnance U. S. Army**  
**Ordnance Inspection Handbook on Gage Preliminary Edition September 1944 ORD-M608-5-SEC. 800**  
**section 800: Gage Inspection Methods, 1 July 1945 p.801-1205**