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ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



APPENDIX

Experimental Equipments

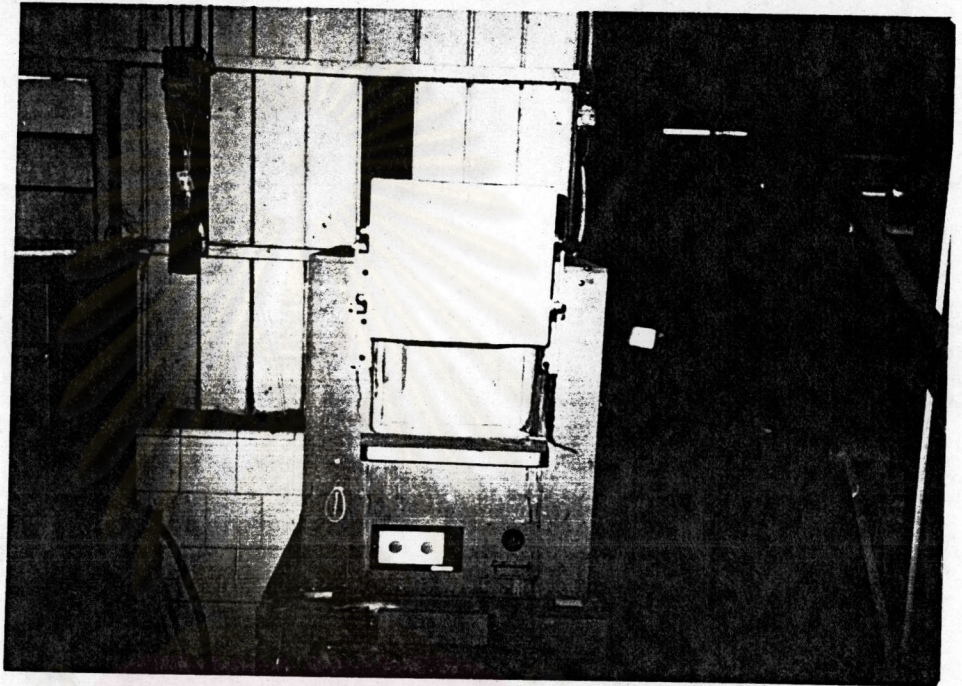


Fig.A,1 A calcination furnace

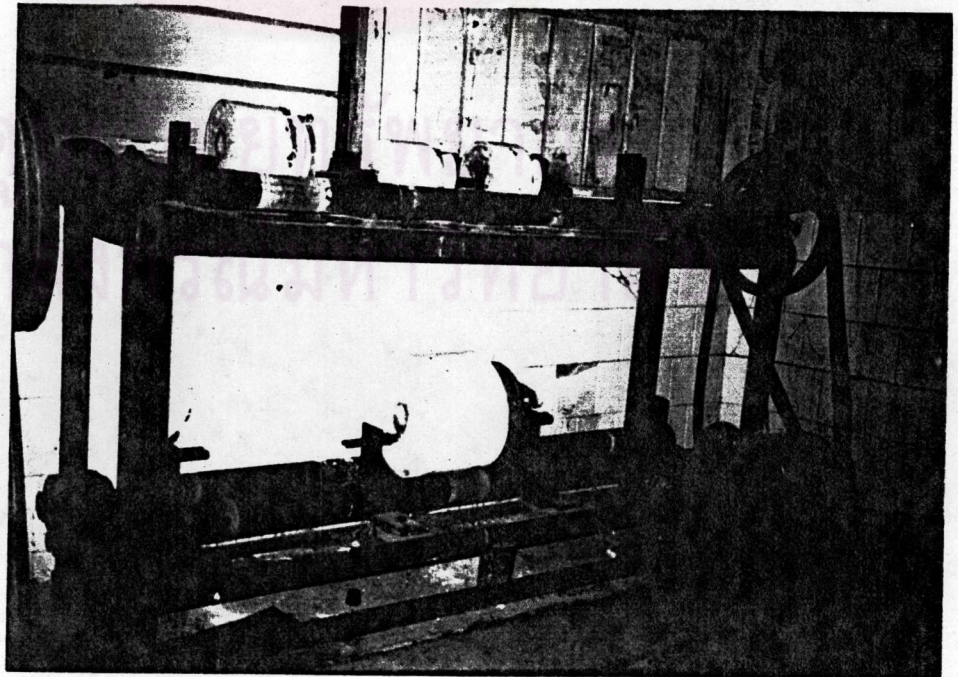


Fig.A,2 Ball milling

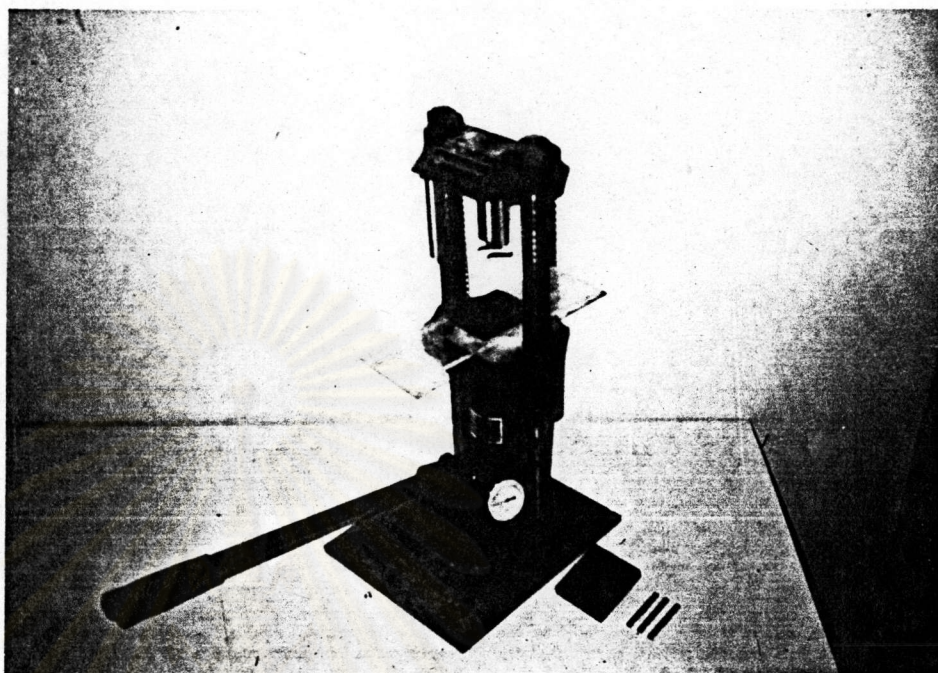


Fig. A.3 Hydraulic press and an iron die

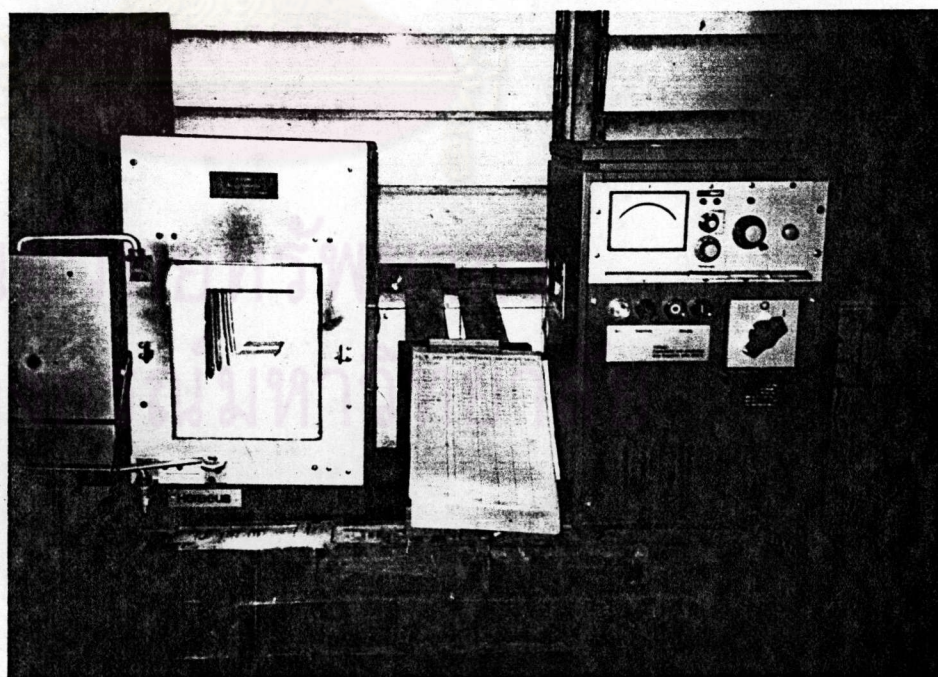


Fig. A.4 A sintering furnace



Fig.A.5 Equipments for physical property measurements

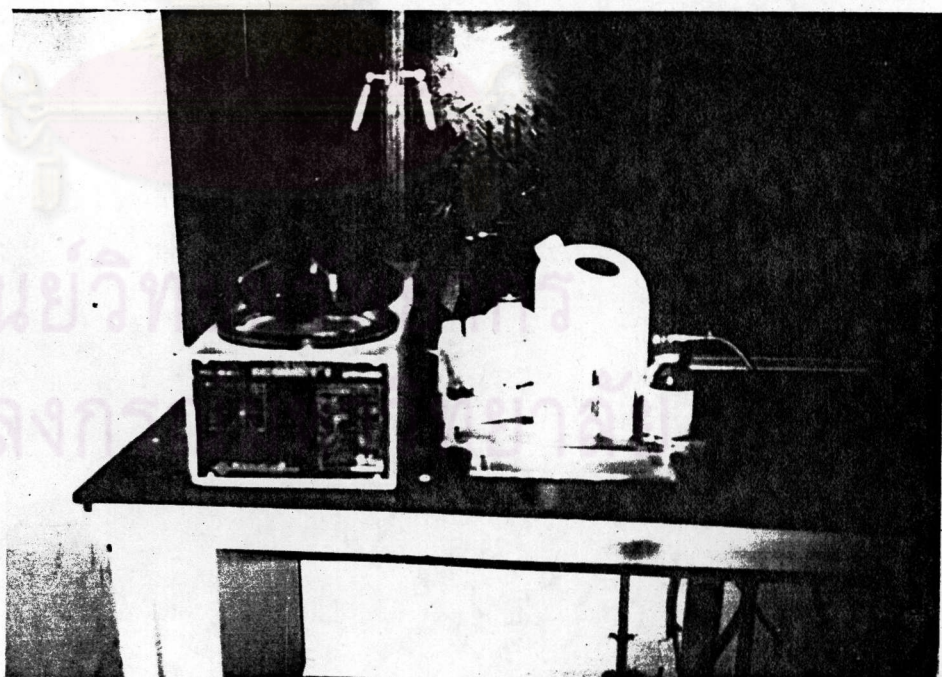


Fig. A.6 A grinding machine and materials using for surface abrasion

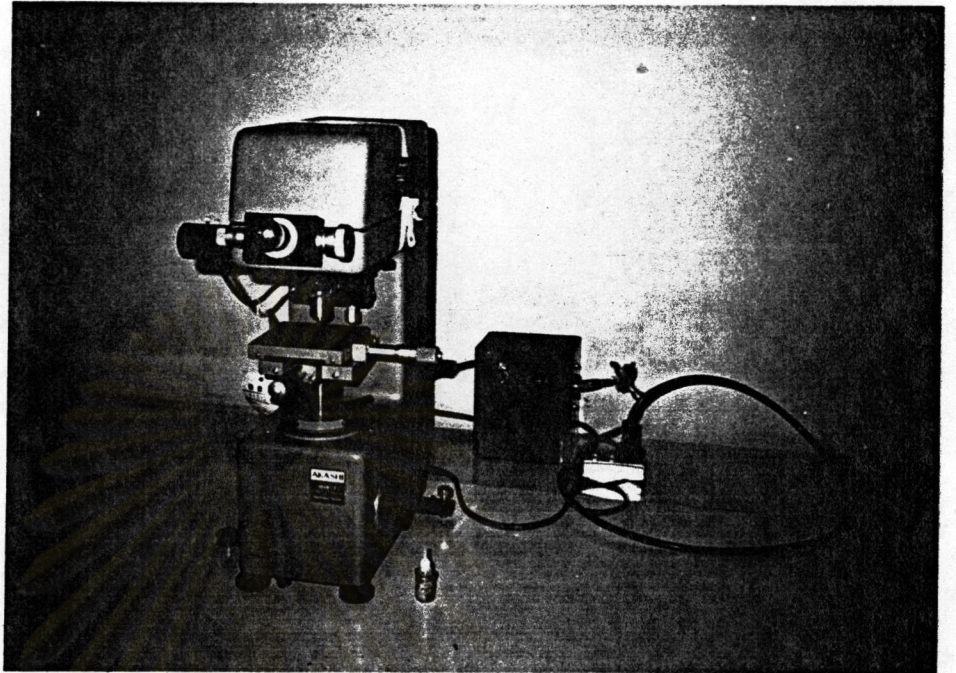


Fig. A,7 A microhardness tester

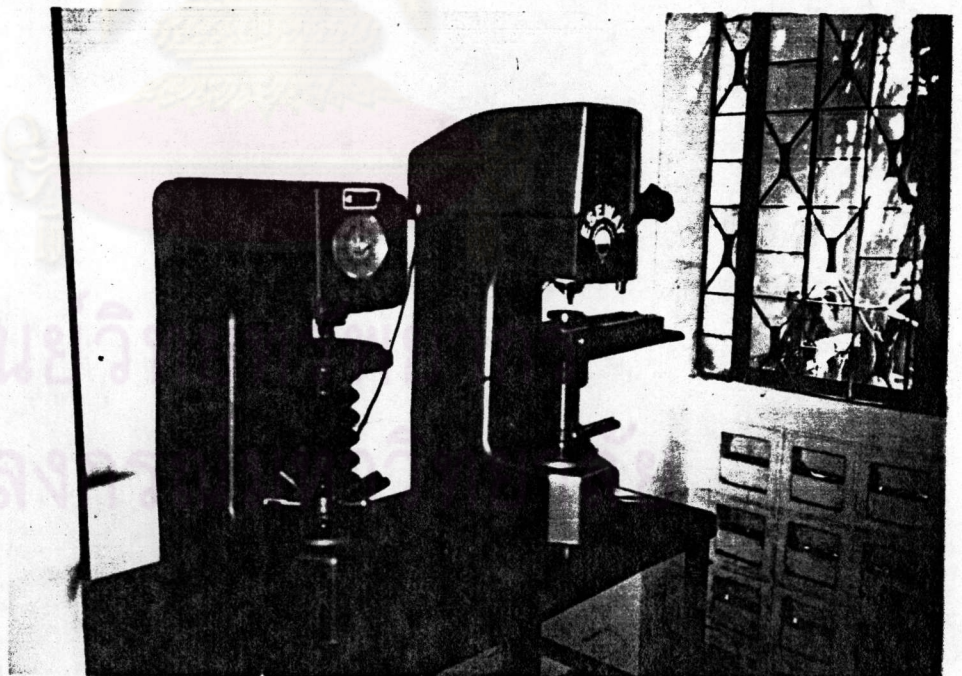


Fig. A,8 A macrohardness tester

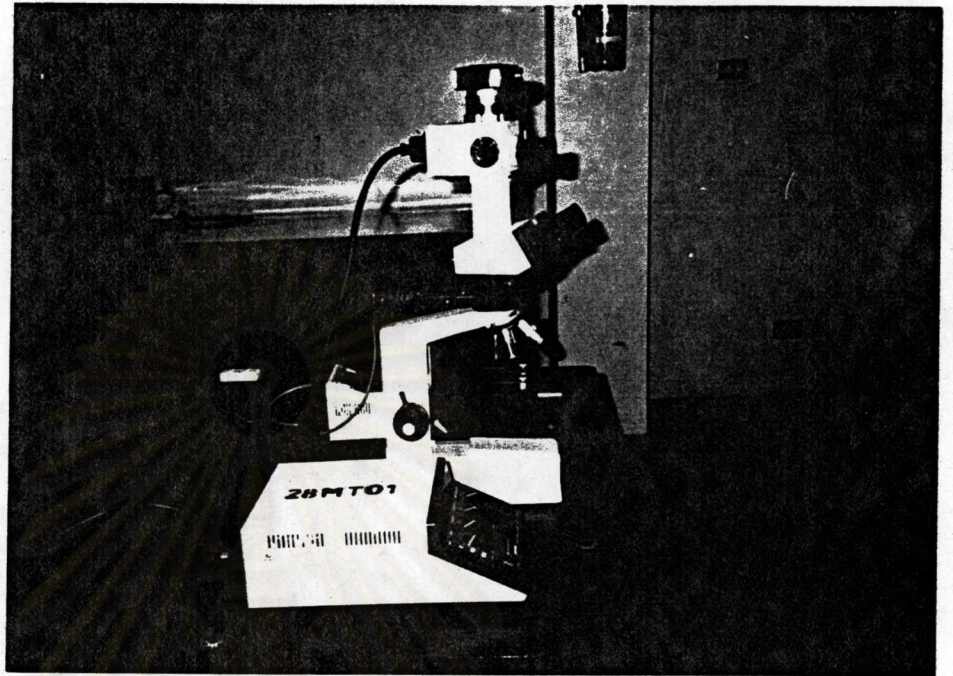


Fig. A.9 A high magnification optical microscope

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

VITA

My name is Supasarote Ponin. I was born on 26th April, 1962, at Songkhla Province. I was received the Certificate of Mathayom Suksa V from Waranareechalerm School, Songkhla in March, 1979, and the Bachelor of Science in Physics from Prince of Songkhla University in March, 1983.



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย