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Design and Fabrication of a Hydraulic Testing Unit

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DESIGN AND FABRICATION
OF A HYDRAULIC TESTING UNIT

by
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APRIL 1977

INDIANA UNIVERSITY-FURDUE UNIVERSITY

FORT WAYNE, INDIANA

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ABSTRACT

This report discusses the design, building and testing of a hydraulic test unit. It includes the capabilities of the unit concerning: the main control valve, pilot control valves, the hydraulic cylinder, counter balance check valves, and breakaway testing.

Approximate cost of the test unit is also discussed.