

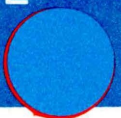


# NEW ZEALAND AGRICULTURAL ENGINEERING INSTITUTE

LINCOLN COLLEGE

CANTERBURY

NEW ZEALAND



Public

TEST REPORT NO. T/37

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## HYDRAULIC PERFORMANCE OF TROUGH VALVES

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Research Officer

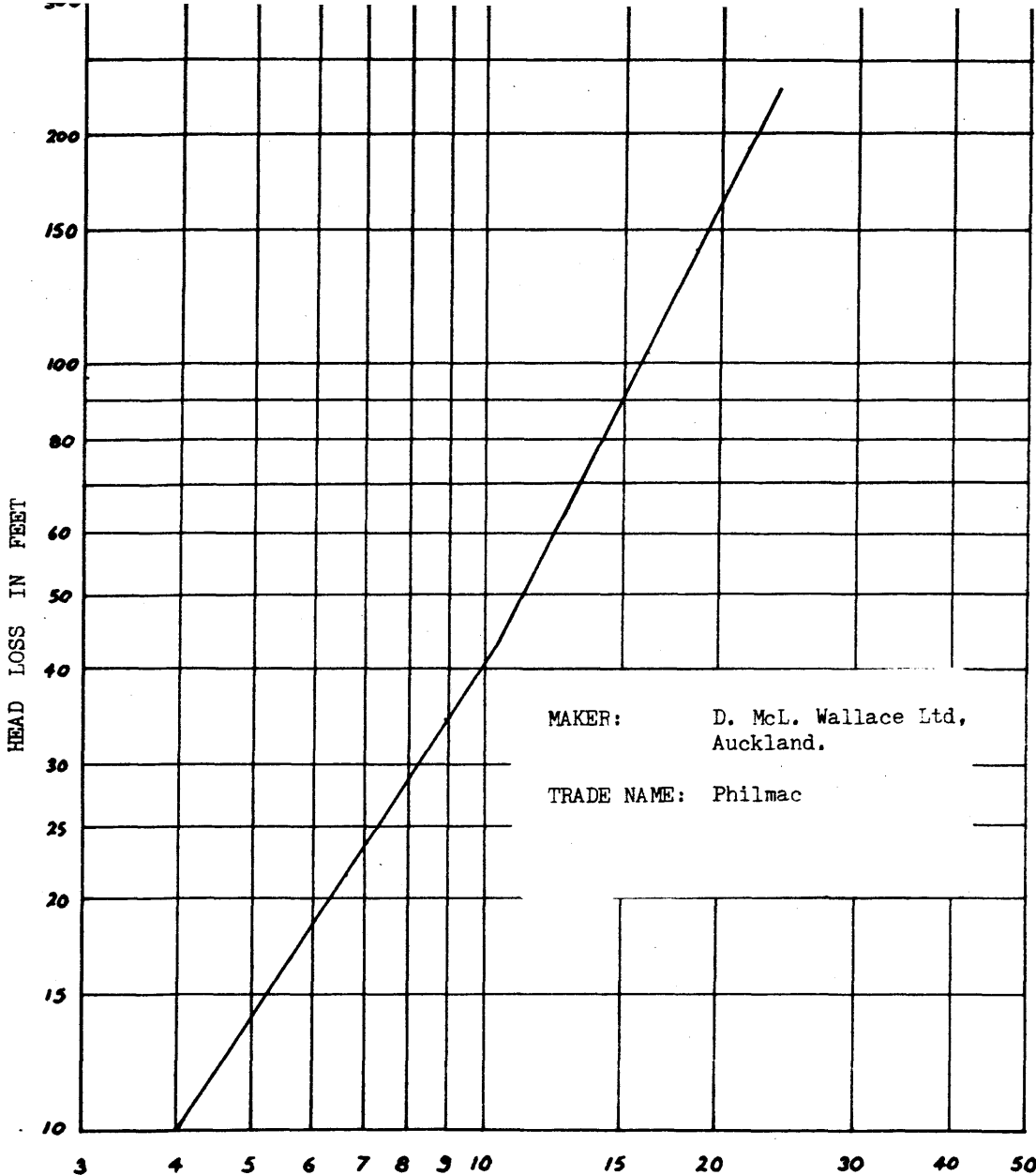
ENTRANT: D. McL. Wallace, Penrose, Auckland

MANUFACTURER: D. McL. Wallace, Penrose, Auckland

### SUMMARY:

A full description of the test procedures and equipment is contained in Project Report P/2 of the New Zealand Agricultural Engineering Institute issued in July 1968. Also contained in P/2 are the individual performance graphs of a number of commercially available trough valves in New Zealand.

As new trough valves become available it is intended to publish Test Reports of this nature on their flow characteristics and sealing ability.



MAKER: D. McL. Wallace Ltd,  
Auckland.

TRADE NAME: Philmac

DISCHARGE IN G.P.M.

RECOMMENDED WORKING HEAD

DESCRIPTION:  $\frac{1}{2}$ " Full Flow  
Sleeve Valve

Pressure(psi)	Degree of Submergence
250	$\frac{1}{2}$
400	$\frac{3}{4}$
600	Fully

TEST MARK: MAC 1

Tested with  $9\frac{1}{2}$ " lever arm and one  
4" dia. polythene float.