



**UNITED PUMPS**  
U.C.P. AUSTRALIA

# **Pump Performance Testing**

**AS ISO 9906  
API 610  
ANSI / HI 14.6**

**POWERS TO 2.5MW**

**HEADS TO 1800m**

**CLOSED LOOP**

- VERTICAL & HORIZONTAL PUMPS**
- VACUUM TANK NPSH TESTING**

**OPEN LOOP**

- VERTICAL WET WELL PUMPS**
- SUBMERSIBLE PUMPS**

**NOISE TESTING**

**FFT VIBRATION ANALYSIS**

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**SPECIALIST AUSTRALIAN MANUFACTURER  
OF API 610 PUMPS**

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## FACILITY

Location : Sunshine, Victoria, Australia.  
Floor size : 1,200M2.  
Cranes : 1 x 10T, Lift : 7.6m, 1 x 5T, Lift 6.4m

TEST MOTORS AVAILABLE

8.3.2001

## CAPABILITY – as standard

Performance testing & Complete String Testing:

Flow rate : up to 1,700m<sup>3</sup>/hr (Standard)

Head : up to 1,800m

NPSH : two permanent-closed loops,  
each with vacuum tank

Power : at 5 test beds up to 630KW @ 415V

: up to 500KW @ 415V

: up to 90KW @ 415V

: up to 2.5MW @ 3.3kV

: up to 2.5MW @ 6.6kV

(or 11kV star point connected)

Enhanced capability available for special projects.

## PUMP TYPES:

high loop -top suction pumps (closed loop)

low loop -end suct. & side suct. pumps (closed loop)

wet pit -vertical canned pumps & sump pumps (4-6m deep)

Vertical wet well test

## NOISE AND VIBRATION:

Multi-channel FFT Spectrum Analyser  
vibration and noise measurement



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