

Cooling Water Piping

Customer :	Downer Engineering, Genesis Energy
Location :	Huntly, New Zealand
Install Date :	2006
Service :	Cooling Water Pipelines
Diameter :	50 to 1800mm diameter

Overview

Fibreglass and PVC cooling water pipes were supplied to the gas fired Huntly Power Station, for two projects, the addition of a cooling tower to existing plant and the construction of a new power station.

The cooling tower pipe work ranged in size from DN1800 down to DN400 and included swept bends, flanges and both buried and above ground pipe.



Detail

DN1200 connecting cooling tower to the pumps. Flanged connections to non-return valves and valves, flanges are full face fibreglass flanges.

Below: one side of the cooling tower showing header and risers DN500 into cooling tower.



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Mechanical cooling water pipe in plant room for the new gas fired Huntly Power Station. Pipe work ranges from DN50 up to DN500 with pressure rating of 10Bar.



Maskell Productions supplied pipe to site in transportable spools and supplied site staff to join the spools on site and make any adjustments. Flanges for this contract were provided with galvanised steel backing rings.

Total quantities:

Pipe DN900 to DN1800: 470m

Flanges DN900 to DN1800: 31 off

Pipe DN50 to DN500: 1150m

Flanges DN50 to DN500: 248

Joints DN50 to DN500: 1112

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