

MACQUARIE TELECOM DATA CENTER

NORTH RYDE, NEW SOUTH WALES, AUSTRALIA

Victaulic
HVAC CASE STUDY

PROJECT

TYPE OF FACILITY:

Data Center

VICTAULIC SOLUTIONS:

Bag and Tag

Ease and Speed of Installation

Labor Savings

No Hot Works

OWNER:

Macquarie Telecom

CONTRACTOR:

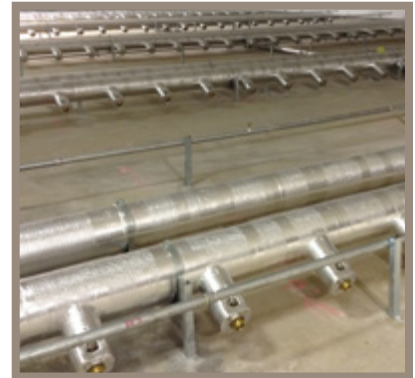
Brown & Moodie

ENGINEER/CONSULTANT:

Hurley Palmer & Flatt

COMPLETED DATE:

December 2012



Macquarie Telecom's Intellicenter Data Center, located in New South Wales, is the first Tier III design-certified data center in Australia. The facility holds over 200,000 square feet/20,000 square meters of state-of-the-art hardware.

Contractor Brown & Moodie chose the Victaulic roll grooved pipe joining system to eliminate the need for welding onsite. The Victaulic grooved method offers unmatched speed and safety of installation while reducing the equipment and tooling required onsite. The on-site welding of stainless steel pipe was not necessary, eliminating gas and purging. The increased cleanliness made the installation of this pipework fast and easy.

The majority of pipework was cut, pre-grooved and delivered to the jobsite ready for installation. Pump dressing assemblies were bagged, tagged and delivered to the pump plinth, making material handling a breeze and assembly fast.

A considerable labor saving was achieved, as the plant room installed in under four months.

SPECIFICATIONS

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Chilled Water	Carbon Steel	2½ - 16" / 65 - 400 mm
Condenser Water	Stainless Steel	2½ - 16" / 65 - 400 mm

victaulic.com

PS-HVAC.491 9232 Rev A Updated 06/2016 © 2016 Victaulic Company. All rights reserved.

Victaulic