

INDUSTRIAL MACHINERY OR EQUIPMENT



PRESSURE PIPING FOR HIGH-RISE BUILDING

In this high-rise building, plant costs are reduced by supplying water (both potable and for fire services) up to the 70th floor with one powerful pump, located in the basement. Copper piping cannot withstand very high pressure, but stainless steel's high strength enables the pump to supply high-pressure water right to the top floor. Stainless steel piping also satisfies water quality requirements. This precludes the use of galvanised and other traditional materials.

LOCATION/ENVIRONMENT	"The Aurora" in Australia - indoor
PRODUCT	Pipe
FABRICATION PROCESS	
GRADE	316 (17Cr-12Ni-2Mo)
SURFACE	
COMPETING MATERIAL	Copper
DATE OF COMPLETION	2006 (estimated year of completion)
MANUFACTURING COMPANY	Blucher Australia
MATERIAL SUPPLIER	
SOURCE OF INFORMATION	Australian Stainless Steel Development Association (ASSDA)
REMARKS	