



System Control Engineering NZ Ltd
 For Gas, Combustion & Control Equipment

274 Church Street
 Onehunga
 Auckland

THE GAS BIZZ BULLETIN

October 2008



The most trusted name in gas connectors

**The highest Quality, Safest,
 Longest Lasting Stainless Steel Connector**



- Standard Indoor/Outdoor Gas Connector (Corrugated 304 Stainless Steel)
- Rated Working Pressure 500 kPa



- Stationary Gas Connectors (Coated with Yellow PVC for Food Industry)
- Rated Working Pressure 500 kPa



- Full Flexibility Gas Connectors (Coated with Blue PVC for Food Industry)
- Normally used with a Quick Disconnect Coupling & Restraining Cable Assembly for Castored Appliances
- Rated Working Pressure 7 kPa
- Available Lengths 900 / 1200mm
- Available Diameters 20 / 25mm



- Quick Disconnect Device
- Rated Working Pressure 3.5 kPa



- Cimfast Combination Valve
- Ball Valve QD Device
- Rated Working Pressure 3.5 kPa

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www.systemcontrol.co.nz



Dave's Technical Tip

Over-temperature Devices

Over-temperature controls or interlocks are a necessary feature of gas appliances designed to restrict unsafe conditions that may occur during operation.

Their basic function is to cause a safe shutdown/lockout of the burner if abnormal temperature conditions arise and require a manual reset sequence to re-establish operation of the appliance.

(refer AS3814-2005 Cl.3.4.2.3.d Requirements for a limit device)

This is similar to the requirement and provision of over-pressure protection.

Commercial appliances such as ducted air heaters and laundry dryers will have these interlocks fitted to guard against control thermostat failure and linted or blocked air filters. Over-temperature cut-out is also a mandatory feature of deep fat fryers because of the hazard that over heating the oil would create.

Industrial furnaces and ovens which employ temperature control are also protected by an over-temperature interlock.

- BACHARACH
*Leak Detectors
Flue Gas Analysers*
- BRAHMA
*Pilot Burners
Burner Controls
Ignition Transformers
Gas Solenoid Valves*
- BROMIC
Appliance Regulators
- CAMPINI
Thermostats
- CATOBA
*Pilots
Controls
Gas Valves*
- DIGITRON
Digital Manometers
- DORMONT
*Flexible S.S. Connectors
Quick Disconnect Couplings*
- DUNPHY
Gas, Oil & Dual Fuel Burners
- ECOFLAM
Package Burners
- GECA
*Gas Detectors
CO Detectors*
- FLAMEFAST
*Hot Metal & Heat
Treatment Equipment*
- ITAP
Gas Ball Valves
- JEAVONS
*OPSO Regulators
Appliance Regulators*
- KROMSCHRODER
*Gas Filters
Gas Meters
Pilot Burners
Pressure Switches
Gas Solenoid Valves*
- NAMCO
Combustion Equipment
- OARA
LP Gas Regulators
- PH PRODUCTS
Smoke Pallets
- POLIDORO
*Blade Burners
Atmospheric Burners*
- REGO
LP Gas Regulators
- RIELLO
Package Burners
- ROBERTSHAW
*Pilot Burners
Thermocouples
Gas Control Valves*
- SATRONIC
Burner Controls
- SCE
*Test Points
Petes Plugs
Test Nipples
U-Tube Manometers*
- SEITRON
Gas Detectors
- SHERWOOD
Auto Changeover Regulators
- SIT
*FFD's,
Flame Rods
Gas Controls
Ignition Electrodes*
- WHITE-RODGERS
Gas Control Valves

This Month's Competition

What is the carrot capital of New Zealand?



Send your answer, name and preference of wine along with your contact details by the 31 October 2008 to:-

Email: competition@systemcontrol.co.nz

Fax: 09 636 1525

All correct answers will go in a draw to win a bottle of red or white wine.

Prize will be dispatched with next order placed with System Control Engineering NZ Ltd.

Last Months Competition

Question: What did they call the cricket bat used by Lance Cairns in the 1983 World Series in Australia?

Answer: Excalibur

Congratulations

Congratulations to Helen Nicol-Trotter from Mico Plumbing in Te Rapa who was the winner of last months competition. A bottle of wine will be on its way to you with your next order.



Quote of the Month

Coca Cola was originally green.