

**PRESSURE EQUIPMENT REPORT SHEET**

**JOB No. M 10108**

Unique No	157749	Owner's No.	SN 31804	Date	03/07/14
SWP(kPa)	1034	Temp	Saturated	Description	U/F Multi Boiler
Owner	Dunedin Gasworks Trust	Location	Braemar St	Maker	Scott

EXTERNAL AND OPERATIONAL

Shell & Seams	1	Pressure gauge & other instrumentation	1
Upstands & attachments to 1st valve	1	Name plate	1
Safety valves, vent lines and drains	1	Feed & blowdown valves (keys limits tanks)	1
Foundations and supports	1	Burner & control (o/temp, LW, XLW alarms)	1
Safety interlocks(quick acting door,etc)	x	Unattended boiler tests (COP Appendix E)	x
Lagging cladding & coatings	1	Operational records	2

ATTACHMENTS

Valves	1	Anchor at first valve	1	Other attachment	1
--------	---	-----------------------	---	------------------	---

INTERNAL

Shell & Seams	2	Chambers & Castings	x
Stays & Stay tubes	2	Drums headers & risers	x
Tubes & tube plates	2	Shafts & machinery	x
Sparges & baffles	2	Refractory linings	2

KEY: 1= Safe 2=Action next inspection 3=Repair 4=Renewal Required x = N/A

OBSERVATIONS & DEFECTS

3/7/14, Hydraulic test of 50NB SCH' 80 hollow gauge glass column & 25NB flanged blowdown elbow correct.  
 Fabricator, GasCo & Pipeline, Dunedin, test pressure 1.5 x SWP, 1551 kPa, test period 30min.

New boiler shell fabricated by Scott Engineering, Christchurch, 2014.

Boiler design verification & manufacturers certification required. Received 23/12/14.

21/7/14, Steam test; safety valve set at 860 kPa, accumulation test correct.  
 Burner flame failure and back end over temperature cut-out operation correct.

TEST EQUIPMENT

ID No.	11686/22	Cal Date	13/12/13	Cal By	Industrial Ins' IANZ Cert M3248
Type	Bourdon Tube	Range	0-2500 kPa		

Signatory: M Cowan	Inspector: M Cowan	DATE:	21/07/2014
--------------------	--------------------	-------	------------



# PLANT & BUILDING SAFETY LTD

PO Box 19-789 Christchurch New Zealand  
Tel: 03 384 2196 Fax 03 384 2193 www.pbsl.co.nz

## CERTIFICATE OF INSPECTION

Certificate No. M 10108

Owner / Controller:	Dunedin Gasworks Trust PO Box 5929 Dunedin
---------------------	--

**UNIQUE NO. OF ITEM:** 157749

Description/Purpose	Maker	Location	SWP (kPa)
U/F Multi Boiler	Scott	Braemar St	1034

The above item has been inspected in accordance with the HSE (PECPR) Regulations 1999 and was found to be safe at the time of inspection. Subject to proper operation and maintenance, this equipment may remain in use for the period of this certificate.

**THIS CERTIFICATE EXPIRES ON: 1/08/2015**

Refer to separate report for Surveyor's recommendations

Signatory: M Cowan      Inspector: M Cowan      Inspection date: 21/07/14

Plant & Building Safety Ltd is an I.A.N.Z. accredited Inspection Body

This certificate may only reproduced in full

Standard terms and conditions apply and may be viewde at [www.pbsl.co.nz](http://www.pbsl.co.nz)



