



Australian Capital Territory

# **Boilers and Pressure Vessels Regulations 1954 No 12**

made under the

**Machinery Act 1949**

## **Republication No 3**

Republication date: 23 August 2002

Last amendment made by Act 2001 No 44

Amendments incorporated to 12 September 2001

Authorised by the ACT Parliamentary Counsel

## About this republication

### The republished law

This is a republication of the *Boilers and Pressure Vessels Regulations 1954*, made under the *Machinery Act 1949* (including any amendment made under the *Legislation Act 2001*, part 11.3 (Editorial changes)) as in force on 23 August 2002. It also includes any amendment, repeal or expiry affecting the republished law to 12 September 2001.

The legislation history and amendment history of the republished law are set out in endnotes 3 and 4.

### Kinds of republications

The Parliamentary Counsel's Office prepares 2 kinds of republications of ACT laws (see the ACT legislation register at [www.legislation.act.gov.au](http://www.legislation.act.gov.au)):

- authorised republications to which the *Legislation Act 2001* applies
- unauthorised republications.

The status of this republication appears on the bottom of each page.

### Editorial changes

The *Legislation Act 2001*, part 11.3 authorises the Parliamentary Counsel to make editorial amendments and other changes of a formal nature when preparing a law for republication. Editorial changes do not change the effect of the law, but have effect as if they had been made by an Act commencing on the republication date (see *Legislation Act 2001*, s 115 and s 117). The changes are made if the Parliamentary Counsel considers they are desirable to bring the law into line, or more closely into line, with current legislative drafting practice.

This republication includes amendments made under part 11.3 (see endnote 1).

### Uncommenced provisions and amendments

If a provision of the republished law has not commenced or is affected by an uncommenced amendment, the symbol **U** appears immediately before the provision heading. The text of the uncommenced provision or amendment appears only in the last endnote.

### Modifications

If a provision of the republished law is affected by a current modification, the symbol **M** appears immediately before the provision heading. The text of the modifying provision appears in the endnotes. For the legal status of modifications, see *Legislation Act 2001*, section 95.

### Penalties

The value of a penalty unit for an offence against this republished law at the republication date is—

- (a) if the person charged is an individual—\$100; or
- (b) if the person charged is a corporation—\$500.

Amendments incorporated to  
12 September 2001



Australian Capital Territory

# Boilers and Pressure Vessels Regulations 1954

made under the

**Machinery Act 1949**

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Amendments incorporated to  
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# **Boilers and Pressure Vessels Regulations 1954**

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made under the

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## Part 1 Preliminary

### 1 Name of regulations

These regulations are the *Boilers and Pressure Vessels Regulations 1954*.

### 2 Dictionary

The dictionary at the end of these regulations is part of these regulations.

*Note 1* The dictionary at the end of these regulations defines certain words and expressions used in these regulations.

*Note 2* A definition in the dictionary applies to the entire regulations unless the definition, or another provision of the regulations, provides otherwise or the contrary intention otherwise appears (see *Legislation Act 2001*, s 155 and s 156 (1)).

### 6 Exemption

- (1) These regulations do not apply to—
  - (a) a boiler or pressure vessel used or operated by or on behalf of the Australian National Railways Commission; or
  - (b) a boiler or pressure vessel being, or forming part of, the propelling machinery of a boat, ship or vessel; or
  - (c) an aluminium beer keg of a capacity not exceeding 13.65L, a domestic hot water tank or a domestic pressure cooker, being of a type approved in writing by the Minister; or
  - (d) a boiler or pressure vessel in relation to which a certificate of exemption under subregulation (2) is in force.
- (2) If the Minister considers that a certificate under this subregulation may be granted without endangering lives or property, the Minister may grant to an operator of a boiler or pressure vessel a certificate



exempting the boiler or pressure vessel from the application of these regulations subject to the conditions that are specified in the certificate.

## **Part 2 Design and fittings**

### **Division 2.1 Boilers**

#### **7 Fittings of boilers**

- (1) A boiler shall not be used or operated unless it has fitted or attached to it—
  - (a) 2 or more efficient safety valves in accordance with the following requirements:
    - (i) 1 of the safety valves shall be covered over and sealed and fitted with lifting gear that enables the valve to be eased off its seat at any time;
    - (ii) the safety valves shall be of the direct spring-loaded type, except that 1 may be of the lever type;
    - (iii) the seats or discs of the safety valves shall not be made of cast iron;
    - (iv) each safety valve shall be of sufficient area so that the pressure in the boiler cannot exceed by more than  $\frac{1}{10}$  the maximum allowable working pressure during a test under the maximum firing conditions of the boiler with the stop valves shut and the feed water shut off;
    - (v) each safety valve shall be separate from any stop valve; and
  - (b) an efficient stop valve connecting the boiler to any steam outlet pipe other than a saturated steam pipe to a superheater; and
  - (c) 2 efficient glass water gauges that are—
    - (i) so placed that the water level is clearly visible to the boiler attendant from his or her normal working positions; and

- (ii) fitted with a guard to prevent injury to a person in the vicinity of the boiler if the gauge glass breaks; and
    - (iii) separately connected to the shell of the boiler; and
  - (d) an efficient steam pressure gauge connected to the steam space that—
    - (i) indicates the pressure of steam in the boiler in kPa; and
    - (ii) will indicate pressures up to 1<sup>1</sup>/<sub>2</sub> times the maximum allowable working pressure of the boiler; and
    - (iii) has marked on it by means of a red line the maximum allowable working pressure of the boiler; and
    - (iv) is so placed as to be readily visible to the boiler attendant from his or her normal working positions; and
  - (e) an efficient feed check valve; and
  - (f) an efficient blow down cock or valve; and
  - (g) any other equipment that an inspector directs in writing be fitted or attached to the boiler.
- (2) A boiler that has less than 9m<sup>2</sup> of heating surface—
- (a) shall be deemed to be in accordance with the requirements of subregulation (1) (a) if it is fitted with 1 safety valve of the direct spring-loaded type in accordance with that paragraph; and
  - (b) shall be deemed to be in accordance with the requirements of subregulation (1) (c) if it is fitted with 1 efficient glass water gauge in accordance with subregulation (1) (c) (i) and (ii) and with 2 efficient test cocks.

## **8 Mudleg and blow down pipe connections**

A boiler shall not be used or operated unless mudleg and blow down pipe connections are protected by brickwork or other fire-resisting material.

## **9 Valves on interconnecting pipes**

If 2 or more boilers are connected to the same steam main, none of the boilers shall be used or operated unless the outlet pipe from each boiler is fitted with—

- (a) an efficient self-closing stop valve; or
- (b) an efficient valve of the combined stop and non-return type; or
- (c) an efficient stop valve having a separate non-return valve fitted to its outlet.

## **10 Expansion and contraction of interconnecting pipes**

If 2 or more boilers are arranged to work in conjunction, none of the boilers shall be used or operated unless the connecting pipes are so constructed as to allow for expansion and contraction.

## **11 Internally fired boilers**

An internally fired boiler shall not be used or operated unless—

- (a) it is fitted with a fusible plug; and
- (b) if an ash pan is fitted—both the ash pan and the fire bar bearers are removable to permit of the thorough examination of the fire boxes and tubes.

## **12 Boilers fired by liquid fuel**

If a boiler is fired by liquid fuel it shall not be used or operated unless—

- (a) the liquid fuel equipment is so constructed that the liquid supply to a burner must be shut off before the burner can be removed; and
- (b) the furnace is so constructed that liquid fuel will not accumulate at the bottom of the furnace.

### **13 Boilers set in brickwork**

A boiler set in brickwork shall not be used or operated unless—

- (a) it is fitted with hinged doors without a catch or fastening that close by gravity and have a clear opening of not less than  $\frac{1}{2}$  the area of the outlet damper opening to provide relief from explosion; and
- (b) firebrick used in contact with the boiler is bonded with fireclay or other similar refractory material.

### **14 Dampers**

If a boiler fired by oil, gas or pulverised fuel has outlet dampers, the boiler shall not be used or operated unless—

- (a) the dampers are capable of being locked open to such an extent that gas does not accumulate; and
- (b) if the dampers entirely close the chimney or flues—they are effectively interlocked with the burner equipment in such a way that the burners will not operate unless the dampers are open; and
- (c) if other boilers are connected to the same system of flues—the dampers are so arranged that the boiler may be isolated.

### **15 Boilers erected in permanent position to be protected by boiler house**

A boiler erected in a permanent position shall not be used or operated unless it is protected from the weather by a boiler house that is in accordance with the following requirements:

- (a) the illumination in the boiler house when the boiler is used or operated shall be—
  - (i) not less than 54 lumens per  $\text{m}^2$  at any point; and

- (ii) so arranged that the gauges on the boiler are clearly visible to the boiler attendant from his or her normal working positions; and
- (b) if liquid fuel is used—the floor of the boiler house shall be—
  - (i) impervious to the liquid fuel; and
  - (ii) graded so that the liquid fuel does not accumulate on it; and
- (c) if the boiler house is fitted with doors—the doors shall be of the swing type and open outwards; and
- (d) if the chief inspector so directs in writing—
  - (i) exits shall be provided from the boiler house in the places that he or she considers necessary to allow persons to escape in case of accident; and
  - (ii) flameproof lighting equipment, fittings and lamps shall be used.

## **Division 2.2 Pressure vessels**

### **16 Fittings of pressure vessels**

- (1) An inspector may, by written notice to the operator of a pressure vessel, direct that there be fitted or attached to the pressure vessel the devices to indicate, control or relieve pressure that he or she considers necessary.
- (2) If a direction has been given under subregulation (1) in relation to a pressure vessel, the pressure vessel shall not be used or operated unless the devices are fitted or attached to it in a way approved by an inspector.

### **17 Pressure vessels subjected to pressure by air**

A pressure vessel subjected to pressure by air shall not be used or operated unless it has fitted or attached to it—

- (a) a safety valve (which may be the valve referred to in paragraph (b)) covered over and sealed and fitted with lifting gear that enables the valve to be eased off its seat at any time; and
- (b) at least 1 efficient direct spring-loaded safety valve, the seat or disc of which is not of cast iron, and that is of sufficient area that it is impossible for the pressure in the pressure vessel to exceed—
  - (i) if the maximum allowable working pressure is less than 689kPa—the maximum allowable working pressure plus 1/10 of the maximum allowable working pressure; and
  - (ii) if the maximum allowable working pressure is 689kPa or more—the maximum allowable working pressure plus 68kPa; and
- (c) an efficient pressure gauge that—
  - (i) indicates the pressure in the pressure vessel in kilopascals; and
  - (ii) will indicate pressures up to 1<sup>1</sup>/<sub>2</sub> times the maximum allowable working pressure of the pressure vessel; and
  - (iii) has marked on it by means of a red line the maximum allowable working pressure of the pressure vessel; and
  - (iv) is so placed as to be readily visible to a person supervising the operating of the pressure vessel; and
- (d) a cock or valve for draining the pressure vessel; and
- (e) accessholes or handholes or other means of access to allow the whole of the interior of the pressure vessel to be cleaned and inspected.

## Division 2.3 General

### 18 Supporting structures and settings

A boiler or pressure vessel shall not be used or operated unless the supporting structure and setting—

- (a) is effectively protected and insulated from furnace heat by brickwork or other means; and
- (b) is effectively protected from drainage from roofs, steampipes and other sources; and
- (c) is on foundations that are firm and effectively drained; and
- (d) is constructed so as to provide means to enable the thorough and safe inspection of every part of the boiler or pressure vessel and so as not to obstruct an opening for ingress to the boiler or pressure vessel; and
- (e) for a boiler—includes a door or doors giving access to the boiler, each having a minimum area of 1 240cm<sup>2</sup> and a least dimension in any 1 direction of not less than 250mm, and firebox doors providing a clear opening of not less than 380mm by 250mm if the firebox doors are the only means or access to the firebox.

### 19 Lagging

A boiler or pressure vessel shall not be used or operated if the lagging—

- (a) consists of building or firebricks; or
- (b) is heat conducting; or
- (c) is of such a nature as not to indicate the presence of leaks.

### 20 Pressure reducing valves

If the maximum allowable working pressure of a boiler or pressure vessel is higher than the maximum allowable working pressure of a



boiler or pressure vessel to which it is connected, the firstmentioned boiler or pressure vessel shall not be used or operated unless there is fitted between the boilers or pressure vessels or boiler and pressure vessel, as the case may be, an efficient pressure reducing valve with a safety valve and pressure gauge between the pressure reducing valve and the boiler or pressure vessel with the lower maximum allowable working pressure.

## **21 Grooves to indicate cracking**

- (1) When lap riveted or lap welded construction is used on the longitudinal joints of a boiler or pressure vessel the boiler or pressure vessel shall not be used or operated unless grooves are cut in the outside plate to give positive indication of cracking, scoring or corrosion of the plate adjacent to the inside edge of the joints, in accordance with requirements of this regulation.
- (2) The grooves shall be—
  - (a) cut at right angles to, and immediately over, the inside edge of each joint; and
  - (b) approximately equidistant from each other and not more than 600mm apart; and
  - (c) not less than 5 nor more than 7mm wide; and
  - (d) cut to a depth of  $\frac{1}{2}$  the plate thickness; and
  - (e) cut from the outer line of rivet holes or the outer weld line, as the case may be, to a point  $1\frac{1}{2}$  times the plate thickness beyond the edge of the joint; and
  - (f) accessible for inspection at any time.
- (3) Each lap joint shall have at least 3 grooves.
- (4) One groove shall be located approximately at the centre of the plate length.

## Part 3 Inspection

### 22 Boilers and pressure vessels not to be used without certificate of inspection

Subject to this regulation, a boiler or pressure vessel shall not be used or operated unless there is a certificate of inspection in force in relation to the boiler or pressure vessel.

### 24 Certificate of inspection

- (1) When an inspector has inspected a boiler or pressure vessel and is satisfied that it is in good repair and may be safely used or operated, the chief inspector may—
  - (a) issue to the operator a certificate of inspection; and
  - (b) for the issue of a first certificate of inspection under these regulations—allot a registered number to the boiler or pressure vessel.
- (2) A certificate of inspection shall state the maximum allowable working pressure of the boiler or pressure vessel to which it relates.
- (3) For a boiler if the part in which steam is generated is constructed of cast iron, the maximum allowable working pressure shall not be more than 100 kilopascals.

### 25 Duration of certificate

- (1) Subject to this regulation and regulation 26, a certificate of inspection of a boiler or pressure vessel remains in force for 12 months from the date of the inspection to which it relates.
- (2) If the chief inspector is satisfied that a new inspection of a boiler or pressure vessel cannot be made within the period for which its certificate of inspection is in force under subregulation (1), the certificate of inspection shall remain in force for the further period

or periods not exceeding in the whole 3 months that the chief inspector, by signed writing, directs.

- (3) A certificate of inspection of—
- (a) a fumigating unit of the knapsack type in which pressure is generated by a handpump; or
  - (b) a vessel used for spray painting if the maximum allowable working pressure does not exceed 200kPa;

remains in force until such time as it is cancelled or suspended or it ceases to have effect under regulation 26.

## **26 Cancellation or suspension of certificate**

- (1) If he or she considers it necessary in the interests of safety to do so, the chief inspector may at any time cancel or suspend the certificate of inspection of a boiler or pressure vessel.
- (2) A certificate of inspection of a boiler or pressure vessel ceases to have effect if—
- (a) while the certificate of inspection is in force a material alteration, addition or repair is made to the boiler or pressure vessel without the written approval of an inspector; or
  - (b) the boiler or pressure vessel is sold or in any other way absolutely disposed of, or dismantled.

## **27 Certificate to be exhibited**

The operator of a boiler or pressure vessel shall—

- (a) within 14 days after the issue of a certificate of inspection in relation to the boiler or pressure vessel, cause the certificate of inspection to be placed under glass or other transparent material in some conspicuous dry place where it can be seen and read by all persons working at or in connection with the boiler or pressure vessel; and

- (b) cause the certificate of inspection to remain so placed for so long as it remains in force.

## **28 Registered number to be on boiler or pressure vessel**

- (1) On the issue of the first certificate of inspection in relation to a boiler or pressure vessel under these regulations an inspector shall—
  - (a) stamp on the boiler or pressure vessel; or
  - (b) attach to the boiler or pressure vessel a metal plate on which is stamped;  
the registered number of the boiler or pressure vessel.
- (2) The operator shall cause the registered number to be kept clean and distinct.

## **29 Power of entry**

- (1) Subject for an internal inspection to regulation 30, an inspector may, at any time, enter into or on premises for the purpose of inspecting or examining a boiler or pressure vessel on the premises.
- (2) The entry may be made between sunset and sunrise only when the boiler or pressure vessel is in operation.

## **30 Notice of internal inspection of boilers and pressure vessels**

An inspector who intends to carry out an internal inspection of a boiler or pressure vessel otherwise than in accordance with a request by the operator shall give the operator 14 days written notice of the time when he or she intends to make the inspection.

## **31 Duties of owner on internal inspection**

For the purpose of the internal inspection of a boiler or pressure vessel, the operator shall—

- (a) before the time fixed for the inspection—

- (i) cause the boiler or pressure vessel to be emptied and cooled to the temperature that the inspector directs and cleaned and dried; and
  - (ii) if required by the inspector, have all accesshole doors, covers and caps removed, all tubes withdrawn, and all furnace bars and bricks, and stone or other bridges removed; and
  - (iii) cause all furnaces, flues, fire tubes, smoke boxes and uptakes to be swept clean; and
  - (iv) if required by the inspector, cause any casing or lagging to be removed; and
- (b) during the inspection—
- (i) keep the boiler or pressure vessel effectively isolated from any steam, water, oil, gas or electrical connection from any source; and
  - (ii) do the other things and render the assistance that the inspector requires to enable him or her to make an efficient inspection.

### **32 Inspector may call in aid**

- (1) While on premises for the purposes of an inspection an inspector may require a person employed or working on the premises to assist him or her, and may require the operator to explain the working of the boiler or pressure vessel being inspected and to answer questions about compliance with these regulations.
- (2) A person shall comply with a requirement made of him or her under subregulation (1).

### **33 Defects not to be concealed from inspector**

A person shall not conceal from an inspector any defect, bad workmanship or defective fittings in or in connection with a boiler or pressure vessel.

**34 Holes may be drilled**

- (1) For the purposes of an inspection an inspector may drill, or, if an inspector so directs, the operator shall drill, in or through a boiler or pressure vessel the holes that the inspector considers necessary to test the thickness of the plates of the boiler or pressure vessel.
- (2) If holes have been drilled under subregulation (1), the operator shall afterwards cause the holes to be plugged to the satisfaction of the inspector.

**35 Notice to cease to use or to repair**

- (1) If it appears to an inspector on inspection of a boiler or pressure vessel—
  - (a) that it is not in a safe working condition; or
  - (b) that it can be worked safely only at a pressure lower than the maximum allowable working pressure; or
  - (c) that it is not adequately protected from corrosion; or
  - (d) that its supporting structure or setting requires strengthening or alteration; or
  - (e) for a boiler—that it is not adequately protected from the weather;

he or she may serve a written notice on the operator requiring him or her—

- (f) to refrain from using or operating the boiler or pressure vessel; or
- (g) to refrain from using or operating the boiler or pressure vessel until the alterations, additions or repairs stated in the notice have been effected to the satisfaction of an inspector; or
- (h) to refrain from using or operating the boiler or pressure vessel at a pressure greater than that stated in the notice; or

- (i) to refrain from operating the boiler or pressure vessel at a pressure greater than that stated in the notice until the alterations, additions or repairs stated in the notice have been effected to the satisfaction of an inspector.
- (2) Subject to regulation 36, an operator shall—
  - (a) comply with the requirements of a notice served on him or her under this regulation; and
  - (b) take the measures that are necessary to prevent any other person from doing anything in relation to the boiler or pressure vessel that, under the notice, the operator is required to refrain from doing.

### **36 Appeal against notice**

- (1) An operator may, within 7 days after service on him or her of a notice under regulation 35, appeal to the Minister in writing against a requirement contained in the notice.
- (2) The Minister may allow or refuse an appeal under subregulation (1) or may vary the requirement against which the appeal was made.
- (3) If the Minister varies the requirement, the operator shall comply with the requirement as varied by the Minister.

## Part 5 Miscellaneous

### 42 Testing of boilers and pressure vessels

- (1) If a boiler or pressure vessel—
  - (a) is placed in operation for the first time, or is re-erected in a new permanent position; or
  - (b) has had alterations or repairs effected to it;

the operator of the boiler or pressure vessel shall forthwith notify the chief inspector in writing accordingly.

- (2) If an inspector by written notice so requires, the operator of a boiler or pressure vessel shall hydrostatically test the boiler or pressure vessel at a time and in the way directed by the inspector.
- (3) A person shall not test a seam, joint, fitting or other part of a boiler or pressure vessel for pressure tightness by a means other than water pressure without the written permission of the chief inspector under subregulation (4).
- (4) The chief inspector may give his or her written permission for the testing of a seam, joint, fitting or other part of a boiler or pressure vessel for pressure tightness by a means other than water pressure if he or she is satisfied that the testing can be safely carried out by that other method.
- (5) The operator of a boiler or pressure vessel that is tested under this regulation shall forthwith notify the chief inspector in writing of the results of the test.

### 43 Notice to be given if boiler or pressure vessel disposed of

- (1) If a person sells or in any other way absolutely disposes of, or lets on hire or lends a boiler or pressure vessel, or returns a boiler or pressure vessel after a hiring or borrowing, he or she shall give written notice to the chief inspector accordingly.



- (2) A notice under subregulation (1) shall be given within 7 days after the sale or other disposition, letting, hiring or return, and shall state the registered number (if any) of the boiler or pressure vessel and the name, address and occupation of the person to whom it was so sold or otherwise disposed of, let, hired or returned.

#### **44 Notice to be given of accident causing damage, death or injury**

- (1) If, as the result of an accident to, affecting or caused by a boiler or pressure vessel—
- (a) the boiler or pressure vessel is damaged; or
  - (b) a person is killed or sustains an injury that is likely to incapacitate him or her for more than 48 hours;

the operator shall, within 24 hours after the accident, give written notice of the damage, death or injury to the chief inspector.

- (2) A person shall not, without the consent of an inspector, move or interfere with, or with a part of—
- (a) a boiler or pressure vessel involved in an accident of which notice is required to be given under subregulation (1); or
  - (b) an object, article or thing affected or damaged as a result of such an accident;

unless that movement or interference is necessary to aid or relieve a person involved in the accident or to prevent further injury to any person or property.

#### **45 Boiler or pressure vessel not to be used unless in safe working condition**

- (1) An operator shall not use or operate his or her boiler or pressure vessel unless it is maintained in a safe working condition and the fittings are in correct adjustment.

- (2) If an operator has reason to believe that his or her boiler or pressure vessel is in a condition in which it may not be used or operated without endangering lives or property, he or she shall—
- (a) forthwith notify the chief inspector in writing accordingly; and
  - (b) refrain from using or operating the boiler or pressure vessel until permitted to do so by the chief inspector.

#### **46 Interference with boiler or pressure vessel**

A person shall not, except for the purposes of tests or trials—

- (a) use or operate a boiler or pressure vessel at a pressure greater than its maximum allowable working pressure; or
- (b) do anything to increase or tend to increase the pressure in a boiler or pressure vessel beyond the maximum allowable working pressure of the boiler or pressure vessel; or
- (c) tamper with a boiler or pressure vessel so as to interfere with its proper efficiency.

#### **47 Disfiguring registered number**

A person shall not, without the written permission of the chief inspector, disfigure, destroy or conceal a registered number stamped on or attached to a boiler or pressure vessel.

#### **48 False representation**

A person must not make a false representation in connection with the issue of a certificate of inspection.

#### **49 Service of documents**

A notice or other document required or permitted by these regulations to be given to or served on a person may be given or served—

- (a) by handing it to or tendering it to that person; or

- (b) by posting it in a prepaid registered letter to that person at his or her last-known or usual place of abode or business; or
- (c) by leaving it with some person apparently over 16 years old at the last-known or usual place of abode or business of that person.

## **50 Penalty**

A person shall not—

- (a) use or operate a boiler or pressure vessel in contravention of these regulations; or
- (b) wilfully impede an inspector in the execution of his or her duty; or
- (c) contravene a provision of these regulations that applies to him or her.

Maximum penalty: \$100.

## Dictionary

(see reg 2)

***boiler*** means a closed vessel in which steam is or can be generated at a pressure greater than that of the atmosphere, and includes any plant, apparatus or appliance fitted to, or used in connection with, such a vessel.

***boiler attendant*** means a person engaged in firing or controlling the feed water to a boiler.

***boiler house*** includes boiler room.

***certificate of inspection*** means a certificate issued under part 3.

***chief inspector*** means the Chief Inspector of Machinery under the Act.

***inspector*** means an inspector of machinery under the Act (including the chief inspector).

***maximum allowable working pressure***, in relation to a boiler or pressure vessel, means the maximum allowable working pressure specified in the certificate of inspection for the time being in force in relation to the boiler or pressure vessel.

***operate*** includes cause or permit to be operated.

***operator*** means the owner or other person having the management and control of a boiler or pressure vessel.

***premises*** means—

- (a) a house, building, structure, yard, mine, timber area, farm, paddock, field, road or place; or
- (b) a boat, ship or vessel, not propelled by its own motive power.

***pressure vessel*** means a closed vessel that is subjected to pressure (including pressure due to a static head) by liquids, vapours or air or other gases, other than a closed vessel heated by fire or the products

of combustion or by electrical means or a cylinder for the storage and transport of compressed gases, and includes any plant, apparatus or appliance fitted to, or used in connection with the raising of pressure in, such a vessel.

**registered number** means the number allotted to a boiler or pressure vessel under regulation 24.

**use** includes cause or permit to be used.

## Endnotes

1 About the endnotes

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## Endnotes

### 1 About the endnotes

Amending and modifying laws are annotated in the legislation history and the amendment history. Current modifications are not included in the republished law but are set out in the endnotes.

Not all editorial amendments made under the *Legislation Act 2001*, part 11.3 are annotated in the amendment history. Full details of any amendments can be obtained from the Parliamentary Counsel's Office.

Uncommenced amending laws and expiries are listed in the legislation history and the amendment history. These details are underlined. Uncommenced provisions and amendments are not included in the republished law but are set out in the last endnote.

If all the provisions of the law have been renumbered, a table of renumbered provisions gives details of previous and current numbering.

The endnotes also include a table of earlier republications.

If the republished law includes penalties, current information about penalty unit values appears on the republication inside front cover.

### 2 Abbreviation key

am = amended	ord = ordinance
amdt = amendment	orig = original
ch = chapter	p = page
cl = clause	par = paragraph
def = definition	pres = present
dict = dictionary	prev = previous
disallowed = disallowed by the Legislative Assembly	(prev...) = previously
div = division	prov = provision
exp = expires/expired	pt = part
Gaz = Gazette	r = rule/subrule
hdg = heading	reg = regulation/subregulation
IA = Interpretation Act 1967	renum = renumbered
ins = inserted/added	reloc = relocated
LA = Legislation Act 2001	R[X] = Republication No
LR = legislation register	s = section/subsection
LRA = Legislation (Republication) Act 1996	sch = schedule
mod = modified / modification	sdiv = subdivision
No = number	sub = substituted
num = numbered	SL = Subordinate Law
o = order	<u>underlining</u> = whole or part not commenced or to be expired
om = omitted/repealed	

### 3 Legislation history

These regulations were originally called the *Boilers and Pressure Vessels Regulations* and were originally made under a Commonwealth ordinance—the *Machinery Ordinance 1949* No 11 (Cwlth).

The *Australian Capital Territory (Self-Government) Act 1988* (Cwlth), s 34 (4) converted most former Commonwealth ordinances in force in the ACT, and the regulations made under them, into ACT enactments. This allowed the ACT Legislative Assembly to amend and repeal the laws. The *Machinery Ordinance 1949* and the *Boilers and Pressure Vessels Regulations* were converted into ACT enactments on 11 May 1989 (self-government day).

As with most ordinances in force in the ACT, the name of the ordinance was changed from *Ordinance* to *Act* by the *Self-Government (Citation of Laws) Act 1989* No 21, s 5 on 11 May 1989 (self-government day).

These regulations were renamed as the *Boilers and Pressure Vessels Regulations 1954* under the *Legislation Act 2001*.

Before 12 September 2001, regulations commenced on their notification day unless otherwise stated (see *Interpretation Ordinance 1937 s 16*, *Interpretation Act 1967 s 50*, *Subordinate Laws Act 1989 s 6*).

#### Legislation before becoming Territory enactment

##### **Boilers and Pressure Vessels Regulations 1954 No 12**

notified 26 August 1954

commenced 15 March 1955 (reg 2 and Cwlth Gaz 1955 p 510)

as amended by

##### **Amendments of Boilers and Pressure Vessels Regulations 1959 No 17**

notified 31 December 1959

commenced 31 December 1959

##### **Regulations to repeal certain Regulations and to revise certain Regulations in force under the Ordinances of the ACT 1980 No 3 (as am 1980 No 14)**

notified 25 March 1980

commenced 25 March 1980

##### **Regulations to amend Regulations 1980 No 3 1980 No 14**

notified 9 October 1980

commenced 19 October 1980

## Endnotes

4 Amendment history

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### **Boilers and Pressure Vessels Regulations (Amendment) 1982 No 33**

notified 18 August 1982  
commenced 18 August 1982

### **Boilers and Pressure Vessels Regulations (Amendment) 1983 No 11**

notified 30 September 1983  
commenced 1 October 1983 (reg 1)

## **Legislation after becoming Territory enactment**

### **Statutory Offices (Miscellaneous Provisions) Act 1994 No 97 sch pt 2**

notified 15 December 1994 (Gaz 1994 No S280)  
s 1, s 2 commenced 15 December 1994 (s 2 (1))  
sch pt 2 commenced 15 December 1994 (s 2 (2) and Gaz 1994  
No S293)

### **Occupational Health and Safety Legislation Regulations Amendment 2000 No 47 pt 2**

notified 30 November 2000 (Gaz 2000 No 48)  
commenced 30 November 2000 (reg 1)

### **Legislation (Consequential Amendments) Act 2001 No 44 pt 235**

notified 26 July 2001 (Gaz 2001 No 30)  
s 1, s 2 commenced 26 July 2001 (IA s 10B)  
pt 235 commenced 12 September 2001 (s 2 and see Gaz 2001  
No S65)

## **4 Amendment history**

### **Name of regulations**

reg 1 sub 2000 No 47 reg 3

### **Dictionary**

reg 2 sub 2000 No 47 reg 3  
am Act 2001 No 44 amdt 1.2740

reg 3 om 1980 No 3

### **Repeal**

reg 4 om 2000 No 47 reg 3

### **Interpretation**

reg 5 am 1959 No 17; 1994 No 97; 2000 No 47 reg 4  
defs reloc to dict 2000 No 47 reg 5  
om 2000 No 47 reg 6



**Exemption**

reg 6 am 1980 No 3

**Boilers**

div 2.1 hdg (prev pt 2 div 1 hdg) renum R3 LA

**Fittings of boilers**

reg 7 am 1975 No 8; 1980 No 3

**Valves on interconnecting pipes**

reg 9 am 1980 No 3 (as am 1980 No 14)

**Expansion and contraction of interconnecting pipes**

reg 10 am 1980 No 3 (as am 1980 No 14)

**Boilers erected in permanent position to be protected by boiler house**

reg 15 am 1975 No 8

**Pressure vessels**

div 2.2 hdg (prev pt 2 div 1 hdg) renum R3 LA

**Pressure vessels subjected to pressure by air**

reg 17 am 1975 No 8; 1980 No 3 (as am 1980 No 14)

**Supporting structures and settings**

reg 18 am 1975 No 8

**General**

div 2.3 hdg (prev pt 2 div 3 hdg) renum R3 LA

**Grooves to indicate cracking**

reg 21 am 1975 No 8; 1980 No 3

**Boilers and pressure vessels not to be used without certificate of inspection**

reg 22 am 1959 No 17

**Application for inspection**

reg 23 am 1975 No 8; 1983 No 11  
om Act 2001 No 44 amdt 1.2741

**Certificate of inspection**

reg 24 am 1959 No 17; 1975 No 8; 1983 No 11

**Duration of certificate**

reg 25 am 1975 No 8; 1980 No 3

**Certificate to be exhibited**

reg 27 am 1980 No 3

**Notice of internal inspection of boilers and pressure vessels**

reg 30 am 1980 No 3

**Appeal against notice**

reg 36 am 1980 No 3 (as am 1980 No 14)

## Endnotes

4 Amendment history

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### **Boiler attendants**

pt 4 hdg om 2000 No 47 reg 7

### **Persons not to act as boiler attendants of certain boilers without boiler attendant's certificate or written permission**

reg 37 am 1975 No 8  
om 2000 No 47 reg 7

### **Application for boiler attendant's certificate**

reg 38 om 2000 No 47 reg 7

### **Issue of boiler attendant's certificate**

reg 39 am 1959 No 17; 1980 No 3 (as am 1980 No 14); 1982 No 33;  
1983 No 11  
om 2000 No 47 reg 7

### **Cancellation or suspension of certificate**

reg 40 am 1980 No 3 (as am 1980 No 14)  
om 2000 No 47 reg 7

### **Appeal against certificate or suspension**

reg 41 am 1980 No 3  
om 2000 No 47 reg 7

### **Notice to be given if boiler or pressure vessel disposed of**

reg 43 am 1980 No 3

### **Notice to be given of accident causing damage, death or injury**

reg 44 am 1980 No 3

### **False representation**

reg 48 sub 2000 No 47 reg 8

### **Service of documents**

reg 49 am 1980 No 3

### **Penalty**

reg 50 am 1980 No 3

hdg to sch om 1980 No 3

1st sch om 1959 No 17

2nd sch om 1975 No 8

sch ins 1975 No 8  
sub 1982 No 33  
om 1983 No 11

### **Dictionary**

dict ins 2000 No 47 reg 8  
defs reloc from reg 5 2000 No 47 reg 5  
def **the Act** om Act 2001 No 44 amdt 1.2742

## 5 Earlier republications

Some earlier republications were not numbered. The number in column 1 refers to the publication order.

Since 12 September 2001 every authorised republication has been published in electronic pdf format on the ACT legislation register. A selection of authorised republications have also been published in printed format. These republications are marked with an asterisk (\*) in column 1. Except for the footer, electronic and printed versions of an authorised republication are identical.

Republication No	Amendments to	Republication date
1	SL 1983 No 11	31 October 1991
2	Act 1994 No 97	31 August 1999

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