



See note on legal requirements
And space for entries overleaf.

REPUBLIC OF BOTSWANA

Department of Occupational Health and Safety
Ministry of Employment, Labour Productivity and Skills Development
The Factories Act, 1973, Section 39

**FORM PRESCRIBED BY THE MINISTER OF EMPLOYMENT, LABOUR PRODUCTIVITY
AND SKILLS DEVELOPMENT FOR REPORT OF EXAMINATION OF
AIR RECEIVER**

- 1. Name of Occupier (i.e. the legal person).....
.....
- 2. Physical Address of factory or premises where receiver is situated.....
.....
- 3. Postal Address of the Occupier.....
.....
- 4. Type, description and distinctive number of receiver.....
.....
- 5. Country of manufacture , year
- 6. Briefly description of previous report.....
.....
.....
.....
.....
- 7. Date of last hydraulic test (if any) and pressure applied.....
.....
.....
- 8. Receiver :-
 - a) Inaccessible during examination.....
 - b) Examination and tests made (See note A overleaf)
 -
 -
 -

c) Condition of receiver (state any defects materially affecting the safe working pressure)

External

Internally

9. Fittings

Are the required fittings and appliances provided in accordance with the Act? Are all fittings and appliances properly maintained and in good condition? (see Note B)

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10. Repairs (if any) required and period within which they should be executed, and any other conditions which the authorised boiler inspector thinks it necessary to specify for securing safe working conditions

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.....

11. Safe working pressure calculated from dimensions and other data ascertained by the present examination, due allowance being made for conditions, or working if unusual or exceptionally severe. Where repairs affecting the working pressure are required, state the safe working pressure :-

a) before the expiration of the period specified in 8, (a).....

b) after the expiration of such period if the required repairs have not been completed (b).....

c) after completion of the required repairs (c)

12. Other observations (see Note C)

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.....
.....

I, (full name in block letters).....hereby declare that I am an air receiver inspector authorised by the Director of Occupational Health and Safety for the purposes of section 39 of the Factories Act, CAP 44:01, by Certificate No. dated 20..... and that subject to any reservation noted above of certain points for examination under steam pressure on 20..... the air receiver above described was sufficiently scaled, prepared and (so far as its construction permits) made accessible for thorough examination and for such tests as were necessary for thorough examination, and that on the said date I thoroughly examined the receiver, including its fittings . I certify that the above is a true report of the result.

Date:

Address.....

.....

.....
Signature of Approved Person

To be attached to the General Register

Space for Continuation of Entries

Notes on Requirements of the Factories Act, CAP 44:01, section 39

Sub-section (1) Every air receiver shall:-

- a) Have marked upon it, so as to be plainly visible, the safe working pressure; and
- b) In the case of a receiver connected with an air compressing plant, either be so constructed as to withstand with safety the maximum pressure which can be obtained in the compressor, or be fitted with a suitable reducing valve or other suitable appliance to prevent the safe working pressure of the receiver being exceeded; and
- c) Be fitted with a suitable safety valve so adjusted as to permit the air to escape as soon as the safe working pressure is exceeded ; and
- d) Be fitted with a correct pressure gauge indicating the pressure in the receiver in kilogrammes per square centimetre; and
- e) Be fitted with a suitable appliance for draining the receiver; and
- f) Be provided with a suitable manhole, or other means that will allow the interior to be thoroughly cleaned and examined; and
- g) In a case where more than one receiver is in use in the factory, bear a distinguishing mark which shall be easily visible.

Sub – section (2) For the purpose of the provision of the provisions of subsection (1) relating to safety valves and pressure gauges any set of air receivers supplied with air through a single pipe may be treated as one receiver;:-

Provided that, in a case where a suitable reducing valve or other suitable appliance to prevent the safe working pressure being exceeded is required to be fitted, this sub-section shall not apply unless the valve or appliance is fitted on the said single pipe.

Sub-section (3) Every air receiver shall be of sound construction and properly maintained.

Sub-section (4) Every air receiver shall be thoroughly cleaned and examined at least once in every period of twenty-six (26) months;

Provided that in the case of a receiver of solid drawn construction :-

- i. The person making any such examination may specify in writing a period exceeding twenty-six (26) months but not exceeding four years within which the next examination is to be made; and
- ii. If it is so constructed that the internal surface cannot be thoroughly examined, a suitable hydraulic test of the receiver shall be carried out in lieu of internal examination. Every such examination and test shall be carried out by an approved person, and a report of test result of every such examination and test in the prescribed form and containing prescribed particulars (including particulars of the safe working pressure), shall be entered in or attached to the General Register, and the report shall be signed by the person making the examination or test.

Sub-section (6) In this section "air receiver" means :-

- a) Any vessel (other than a pipe or coil, or any accessory, fitting or part of a compressor, for containing compressed air and connected with an air compressing plant; or
- b) Any fixed vessel for containing compressed air or compressed exhaust gases and used for the purpose of starting an internal combustion engine; "Approved person" means any person (whether a public officer or not), who is approved by the Chief Inspector, by certificate in writing, for the purpose of carrying out examinations and tests of air receivers in accordance with, and for the purposes of, this section.

NOTES

- A. According to the type of air receiver, facilities must be given by the occupier for such examination (internal and external), hammer testing, drilling, lifting, hydraulic testing, or other means of testing as may be necessary for the thorough examination.
- B. Where, before furnishing replies to item 7 the person making the examination considers that further examination is necessary in order to test the fittings under normal pressure a provisional entry "subject to supplementary report after examination under normal pressure", may be made in regard to the matters in question, provided that (i) the thorough examination is completed within the statutory period, and (ii) a supplementary report containing the prescribed particulars on OHS Form 53 is attached to the General Register.
- C. When in the case of a solid drawn receiver, the person making the examination considers that the next examination may safely be deferred for a period exceeding twenty-six (26) months (see sub-section (4) above), the period within which the next examination is to be made should be specified in item 10.