

Dr A+P,
Fy. 9
23/4/12

BOILER EXAMINERS BOARD

C/o John Dickinson & Co. (West Indies) Limited

Lot 10 Diamond Vale Industrial Estate
Diego Martin

15th April 2012

Permanent Secretary (Ag.)
Ministry of Labour and Small and Micro Enterprises Development
Tower C, Level 6, International Waterfront Centre
1 Wrightson Road
Port of Spain



Dear Permanent Secretary:

Re: Submission of Annual Administrative Reports-Section 66D of the Constitution

I refer to your letter dated March 4th, 2012 which was received on March 21st, 2012 and enclose herein the Annual Administrative Report of the Boiler Examiners Board for the period October 1st 2010 to September 30th, 2011. *see file 10*

Please feel free to contact me at 620-7295 should you need further information or clarification.

Yours truly,

Roger A. Camacho
Chairman
Boiler Examiners Board

Encl: Annual Administrative Report

BOILER EXAMINERS BOARD

ANNUAL

ADMINISTRATIVE

REPORT

FOR THE PERIOD

1ST October 2010 TO 30TH September 2011

more information on an applicant before a determination is made. The Board does not correspond directly with any applicant.

GENERAL

For the period under review, the Board met to consider applications or renewals on six occasions. One of these meetings was via internet conferencing. In summary, three new applicants were recommended for new licences, three applicants were rejected, and thirteen renewals were recommended.

Meeting attendance was as follows:

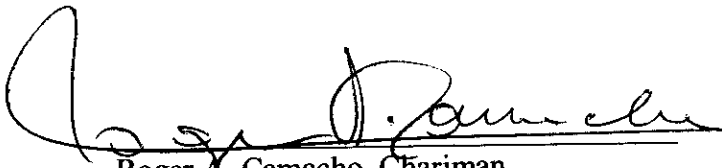
Roger Camacho	6
Emile Charles	3
Winston Mellows	3
Krishpersad Manohar	4
Jinda Maharaj	5

- Meeting with the OSH Agency and Authority, and the Director (Ag.) of Research and Planning (MOLSMED) to address legal, technical, and administrative matters.
- Meeting with the line Minister on 4th January 2011. At this meeting the Minister was apprised of the work of the Board and the outstanding issues with respect to the upgrading and modernizing of the Boiler Regulations. The Chairman informed the Minister that he was first appointed to this Board in October 1990, and has served continuously since that date. The Minister was informed that there were important issues that have not been addressed since that date or before 1990. The Minister mandated the relevant MOLSMWD officers to investigate and expedite the process to upgrade and modernize the Boiler Regulations.
- Invitations were received to attend (i) a briefing session with the Integrity Commission. (ii) Strategic Planning Retreat of the MOLSMWD. (iii) A Seminar on Governance hosted by the Honourable Prime Minister.
- Letter of Resignation from the Board from Mr. Emile Charles on 3rd August 2011. He cited the requirements to file with the Integrity Commission as the reason for his resignation.
- Letter of Resignation from the Board from Dr. Krishpersad Manohar on 12th August 2011. He stated extenuating circumstances and grave personal issues as the reason for his resignation.

RECOMMENDATIONS

- Appoint an officer in the OSH Agency to be responsible for the administration of the Boiler Regulations.

- The most important recommendations for changes to the Boiler Regulations are:
 - Registration and Classification of Boilers.
 - Classification of Boiler Examiners.
 - Training of Boiler Examiners.
 - Fee Structure for Boiler Examiners.
 - Format for the Report of Examination of Boilers and Air Pressure Containers.
 - Container containing gases other than air.
 - Liaison with International Societies for Inspection of Boilers and Pressure Vessels.

A handwritten signature in black ink, appearing to read "Roger A. Camacho", written over a horizontal line.

Roger A. Camacho, Chariman

APPENDIX 1

BOILER REGULATIONS

[Subsidiary]

BOILERS REGULATIONS

ARRANGEMENT OF REGULATIONS

REGULATION

1. Short title and application.
 2. Interpretation.
 3. Appointment of Boiler Examiners Board.
 4. Appointment of boiler examiners.
 5. Rules for guidance of boiler examiners.
 6. Fee for examination of boiler.
 7. Board may suspend or cancel licence.
 8. Board may recommend cancellation of licence.
 9. Publication in *Gazette*.
 10. Examination of boiler.
 11. Period between examinations.
 12. Power of competent person to extend period.
 13. Boiler examiner to report to Inspector on essential repairs or reduction in working pressure.
 14. Examination of boiler previously used.
 15. Safety valve to be operated every week.
 16. Safety valve adjustment to be sealed.
Penalty for breaking seal.
 17. Boiler blow down attachments.
 18. Notice to Inspector of explosion and power of Minister to direct formal investigation.
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[Subsidiary]

BOILERS REGULATIONSGN 2-1949.
128/1969].*Regulations made under section 33*

1. These Regulations may be cited as the Boilers Regulations, and shall apply, subject to the provisions of the Ordinance, to every steam boiler to which section 23 of the Ordinance applies and to every factory premises or other place where any such steam boiler is situated:

Short title and
application.

Provided that if the Senior Inspector is satisfied as respects any steam boiler, that any of the requirements of these Regulations can be suspended or relaxed without risk of danger to persons employed on the premises on which such steam boiler is situated, or that the application of these Regulations or any provision thereof is for any reason impracticable, he may by certificate in writing authorise such suspension or relaxation for such period and subject to such conditions as he may think fit: Provided further that any such certificate may at any time be varied or revoked by the Senior Inspector in his discretion.

2. In these Regulations the expression "Ordinance" means the Factories Ordinance, and any other expression used which is defined in section 3 or 23 of the Ordinance has the same meaning as that assigned to it in the Ordinance.

Interpretation.

3. (1) There shall be established a Boiler Examiners Board (hereinafter called "the Board") consisting of a Chairman and four other members all of whom shall have special qualifications in and have had experience of matters relating to, mechanical engineering.

Appointment
of Boiler
Examiners
Board.
[128/1969].

(2) The Minister shall appoint members of the Board and may in making any such appointment consult with any appropriate professional organisations or institutions.

4. (a) The Minister shall, on the recommendations of the Board, appoint persons on a panel of boiler examiners for a period of three years and shall issue to every person so appointed a licence authorising him to examine and test steam boilers under the provisions of the Ordinance.

Appointment of
boiler
examiners.

LAWS OF TRINIDAD AND TOBAGO

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Factories

[Subsidiary]

Boilers Regulations

(b) For the purposes of section 23 of the Ordinance and of these Regulations no person shall be deemed a competent person who does not hold an uncancelled or unsuspended licence as aforesaid.

(c) No member of the Board shall be appointed on the panel of boiler examiners.

Rules for
guidance of
boiler
examiners.

5. Every boiler examiner shall, when making an examination of a boiler in accordance with the requirements of the Ordinance or these Regulations, take note of and observe any rules or notes for the guidance of boiler examiners made by the Board.

Fee for
examination of
boiler.

6. (a) The Minister shall, with the advice of the Board, determine the fees which shall be paid for examinations carried out under the Ordinance or these Regulations and the amount and nature of the allowance to be paid in respect of the expenses necessarily incurred by boiler examiners in the performance of their duties.

(b) A list of all such fees and allowances together with a list of the competent persons on the panel of boiler examiners shall be published in the *Gazette* on the 1st January or as soon as possible thereafter in each year.

(c) No person shall be paid or receive any amount other than any such fee or allowance and any actual expenses incurred in excess of any such fee or allowance for any such examination.

Board may
suspend or
cancel licence.

7. (a) In the event of a dereliction of duty by a competent person for which no proceedings are taken under subsection (11) of section 23 of the Ordinance or under these Regulations the Board may suspend the licence of such person for such period not exceeding three years and not less than six months as it thinks fit.

(b) In the event of a conviction of a competent person of an offence under subsection (11) of section 23 of the Ordinance or under these Regulations, or of any offence which involves infamous conduct in a professional respect, in addition to any penalty which the Court may inflict such person shall be removed from the panel of boiler examiners and his licence shall be cancelled by the Board.

LAWS OF TRINIDAD AND TOBAGO

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Boilers Regulations

[Subsidiary]

8. The Board may, if it thinks fit, for adequate reasons stated in writing, recommend to the Minister the removal of any person from the panel of boiler examiners and the cancellation of his licence.

Board may recommend cancellation of licence.

9. Every such nomination, appointment, issue of licence, suspension, removal and cancellation as aforesaid shall be published in the *Gazette*.

Publication in *Gazette*.

10. Any examination of a steam boiler in accordance with the requirements of section 23 of the Ordinance shall consist, in the first place, of an examination of the boiler when it is cold and the interior and exterior have been prepared to the satisfaction of the competent person, and secondly, except in the case of an economiser or superheater, of an examination when it is under normal steam pressure; the examination under steam pressure shall be made on the first occasion when steam is raised after the examination of the boiler when it is cold or as soon as possible thereafter, and the person making the examination shall see that the safety valve is so adjusted as to prevent the boiler being worked at a pressure greater than the maximum permissible working pressure.

Examination of boiler.

11. For the purpose of subsection (7) of section 23 of the Ordinance the period of twelve months from one examination to the next shall start from the date of completion of the examination of the boiler under normal steam pressure.

Period between examinations.

12. A competent person may extend the period between any two examinations of a steam boiler by not more than one month in the event of an emergency when serious loss or damage would be caused if the boiler was shut down for examination at the prescribed time. After any such extension the boiler shall be next examined within the succeeding eleven months.

Power of competent person to extend period.

13. The person making the report of any examination under section 23 of the Ordinance or these Regulations shall, within twenty-eight days of the completion of the examination, send to the Inspector for the district a copy of the report in every case where the maximum permissible working pressure is reduced or the examination shows that the boiler cannot continue to be

Boiler examiner to report to Inspector on essential repairs or reduction in working pressure.

LAWS OF TRINIDAD AND TOBAGO

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Factories

[Subsidiary]

Boilers Regulations

used with safety unless certain repairs are carried out immediately or within a specified time.

Examination of boiler previously used.

14. For the purpose of subsection (9) of section 23 of the Ordinance the examination of a boiler which has previously been used, on being taken into use again, shall include an hydraulic test on the site where it is going to be used to at least one and a half times the maximum permissible working pressure.

Safety valve to be operated every week.

15. Every boiler safety valve shall be provided with means by which it can be safely operated by hand while it is under steam pressure and every such valve shall be so operated at least once in every week in which the boiler is used. A record of every such hand operation of a safety valve shall be entered in a book to be provided and kept for the purpose and every such entry shall be signed by the person who operated the valve.

Safety valve adjustment to be sealed.

16. (a) On every safety valve means shall be provided where practicable for securing the adjustment with a seal in such a manner that the adjustment cannot be altered unless the seal is broken.

Penalty for breaking seal.

(b) Every boiler examiner shall, on each occasion that he adjusts a safety valve provided with such means, secure the adjustment with a seal and if any person other than a boiler examiner, or a person working under his direct control and supervision, breaks the seal or causes it to be broken he shall be guilty of an offence and liable to a fine of forty-eight dollars.

Boiler blow down attachments.

17. The outlet of the blow down cock, valve or pipe on every boiler shall be in such a position or so arranged as to prevent as far as possible danger to any person.

Notice to Inspector of explosion and power of Minister to direct formal investigation.

18. (a) In the event of an explosion of a boiler written notice thereof shall forthwith be sent to the Senior Inspector, and if such notice is not so sent the occupier of the factory in which the boiler is situated or the owner or hirer of the boiler, as the case may be, shall be guilty of an offence and liable to a fine of forty-eight dollars.

**SPECIAL PROVISIONS FOR SAFETY IN THE CASE
OF AIR PRESSURE CONTAINERS**

ARRANGEMENT OF SECTIONS

SECTION

1. Short title and application.
2. Interpretation.
3. Competent person.
4. Rules for guidance of competent persons.
5. Fee for examination of air pressure container.
6. Suspension or cancellation of licence.
7. Safety valve directly to container.
8. Safety valve adjustment to be sealed. Penalty for breaking seal.
9. Hydraulic test.
10. Daily test of safety valve and draining of container.
11. Examination and test after alteration or repair.

LAWS OF TRINIDAD AND TOBAGO

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Factories

[Subsidiary]

GN 1-1949.

**SPECIAL PROVISIONS FOR SAFETY IN THE CASE
OF AIR PRESSURE CONTAINERS**

Regulations made under section 33

Short title and
application.

1. These Regulations may be cited as the Air Pressure Containers Regulations, and shall apply, subject to the provisions of the Ordinance, to every air pressure container to which section 24 of the Ordinance applies:

Provided that if the Senior Inspector is satisfied, as respects any air pressure container, that any of the requirements of these Regulations can be suspended or relaxed without risk of danger to the persons employed on the premises on which such air pressure container is situate, or that the application of these Regulations or any provision thereof is for any reason impracticable, he may by certificate in writing authorise such suspension or relaxation for such period and subject to such conditions as he may think fit: Provided further that any such certificate may at any time be varied or revoked by the Senior Inspector in his discretion.

Interpretation.

2. In these Regulations the expression "Ordinance" means the Factories Ordinance, and the expressions "air pressure container" and "safe working pressure" have the same meanings respectively as those assigned to them in section 24 of the Ordinance, and any other expression used which is defined in section 3 of the Ordinance has the same meaning as that assigned to it in the Ordinance.

Competent
person.

3. For the purposes of section 24 of the Ordinance and of these Regulations, the expression "competent person" means the holder of an uncancelled or unsuspended licence to examine and test steam boilers issued under the Boilers Regulations.

Rules for
guidance of
competent
persons.

4. The Boiler Examiners Board may, in any rules or notes for the guidance of boiler examiners made under the Boilers Regulations, include rules or notes for the guidance of competent persons in the examination of air pressure containers and the provisions of regulation 5 of the said Regulations shall apply to

every competent person when making any examination of an air pressure container required by the Ordinance or these Regulations as if they were included in these Regulations.

5. The provisions of regulation 6 of the Boilers Regulations, shall apply with respect to examinations of air pressure containers carried out under the Ordinance or these Regulations as if they were included in these Regulations.

Fee for examination of air pressure container.

6. The provisions of regulation 7 of the Boilers Regulations, shall apply to competent persons with respect to their duties under section 24 of the Ordinance and these Regulations as if they were included in these Regulations.

Suspension or cancellation of licence.

7. The safety valve of every air pressure container shall be directly connected to the container with no stop valve or cut off between the safety valve and the container:

Safety valve directly to container.

Provided that where the safety valve is fitted to the pipe connecting the compressor to the container, a stop valve may be fitted between the safety valve and the container if the container is fitted with a safety bursting disc which will burst at a pressure not exceeding ten per cent more than the safe working pressure of the container. Every such disc shall be so designed and constructed as to prevent the scattering of fragments when it bursts.

8. (a) On every safety valve means shall be provided where practicable for securing the adjustment with a seal in such a manner that the adjustment cannot be altered unless the seal is broken.

Safety valve adjustment to be sealed.

(b) Every competent person shall, on each occasion that he adjusts a safety valve provided with such means, secure the adjustment with a seal and if any person other than a competent person, or a person working under his direct control and supervision, breaks the seal or causes it to be broken he shall be guilty of an offence and liable to a fine of forty-eight dollars.

Penalty for breaking seal.

9. (a) The hydraulic test pressure applied to an air pressure container in accordance with subsection (4) of

Hydraulic test.

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[Subsidiary]

Special Provisions for Safety in the case of Air Pressure Containers

section 24 of the Ordinance shall be at least one and a half times the safe working pressure.

(b) Where an air pressure container is provided with means whereby it can be examined internally and the competent person who makes the examination required by subsection (4) of section 24 of the Ordinance is satisfied by internal examination that an hydraulic test is not necessary, such hydraulic test need not be applied.

Daily test of safety valve and draining of container.

10. On every air pressure container during the forenoon of every day on which the container is subjected to air pressure the following operations shall be carried out:

- (a) the safety valve shall be operated by hand to ensure that it is working freely; and
- (b) accumulations of oil and water in the container shall be thoroughly drained off:

Provided that the operation of draining off oil and water shall not be required on an air pressure container of the type defined in paragraph (c) of subsection (6) of section 24 of the Ordinance.

A record of the performance of the operations aforesaid and the results obtained shall be entered daily in a book to be provided and kept for this purpose.

Examination and test after alteration or repair.

11. When any alteration or substantial repair of an air pressure container has been made the container shall, before it is again brought into use, be examined and tested in accordance with subsection (4) of section 24 of the Ordinance whether it has been so examined and tested within the previous twelve months or not.