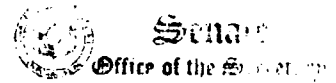


NINETEENTH CONGRESS OF THE)
REPUBLIC OF THE PHILIPPINES)
Second Regular Session)



24 FEB -7 P12 :44

SENATE
S No. 2537

RECEIVED BY: _____

Introduced by Senator Christopher Lawrence "Bong" T. Go

AN ACT
STRENGTHENING THE MECHANICAL ENGINEERING PROFESSION,
AMENDING FOR THE PURPOSE SECTIONS 33 AND 34 OF REPUBLIC ACT NO.
8495 OTHERWISE KNOWN AS "THE PHILIPPINE MECHANICAL
ENGINEERING ACT OF 1998"

EXPLANATORY NOTE

In a period of scientific and technological advancement, mechanical engineers lead the way in conducting tests to evaluate the performance, safety, and efficiency of mechanical systems, works, and projects. Mechanical engineering stands as a cornerstone for a nation's advancement, playing a pivotal role in fostering innovation, technological progress, and economic growth.

However, several provisions of Republic Act No. 8495 or commonly known as the Philippine Mechanical Engineering Act, which was passed in 1998, are not fully adaptive to today's advancement not only in science and technology but also in recognizing the importance of licensed professionals.

Considering this, this proposed measures seeks to strengthen the mechanical engineering profession. A supervising licensed professional mechanical engineer in-charge of mechanical work project or plant in operation shall be allowed to supervise multiple establishments under the non-critical classification. This would guarantee that projects will be meticulously executed, meeting or surpassing industry standards, thereby contributing to outcomes that are both safer and more reliable for the community.

In view of the foregoing, the approval of this bill is earnestly sought.

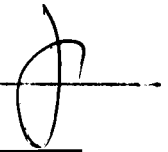

SENATOR CHRISTOPHER LAWRENCE "BONG" T. GO

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Be it enacted by the Senate and the House of Representatives of the Philippines in Congress assembled:

1 Section 1. *Short Title.* - Section 33, Article IV of Republic Act No. 8495 is hereby
2 amended to read as follows:

3
4 "Section 33. Field of Action Authorized for Each Category: [Prohibition] It shall
5 be unlawful for any person, unless authorized under this Act

6
7 xxx

8
9 (d) To operate, tend or maintain, or be in-charge of the operation, tending or
10 maintenance of any mechanical works, projects, plant of 100 kw, but not more
11 than [300] **500** kw unless he is a duly licensed Professional Mechanical
12 Engineer, **A DULY LICENSED** Mechanical Engineer or **A DULY LICENSED**
13 Certified Plant Mechanic.

14
15 (e) To operate, tend, or maintain or be in-charge of the operation, tending, or
16 maintenance of any mechanical equipment, machinery or process for any
17 mechanical work[s], project[s] or plant[s] of **OVER** [300] **500** kilowatts but
18 not more than [2000] 3000 kw unless he is a duly licensed Professional
19 Mechanical Engineer or **A DULY LICENSED** Mechanical Engineer.

20
21 (f) To operate, tend or maintain, or to be in charge of the operation, tending
22 or maintenance of any mechanical equipment, machinery, process for any
23 mechanical works, projects or plants of over [2000] 3000 kw unless he is a duly
24 licensed Professional Mechanical Engineer."
25

1 Sec. 2. Section 34, Article IV of Republic Act No. 8495 is hereby amended to
2 read as follows:

3
4 "Section 34. *Personnel Required in Mechanical Plant.* - Every mechanical work
5 project or plant in operation shall **NOT** have [not] less than the following complement
6 of resident licensed Professional Mechanical Engineer, **LICENSED** Mechanical
7 Engineer or Certified Plant Mechanic **FOR ANY MECHANICAL EQUIPMENT OF THE**
8 **FOLLOWING CAPACTIES:**

9
10 (a) 100 kw but not more than [300] **500** kw: one (1) certified Plant Mechanic,
11 or [more] **ONE** (1) **LICENSED** Mechanical Engineer, or one (1) **LICENSED**
12 Professional Mechanical Engineer: *Provided*, That every mechanical work, project, or
13 plant in this category operating in more than one shift every twenty four hours, shall
14 have in addition to the minimum personnel herein required, one (1) certified plant
15 mechanic, or one (1) **LICENSED** Mechanical Engineer, or one (1) **LICENSED**
16 Professional Mechanical Engineer in-charge of each and every additional shift.

17
18 (b) **OVER** [300] **500** kw [or over] but not more than [2000] **3000** kw: one (1)
19 **LICENSED** Mechanical Engineer or one (1) **LICENSED** Professional Mechanical
20 Engineer: *Provided*, That every mechanical work, project, or plant in this category
21 operating in more than one shift every twenty-four (24) hours shall have, in addition
22 to the minimum personnel herein required at least one (1) **LICENSED** Mechanical
23 Engineer, or one (1) **LICENSED** Professional Mechanical Engineer in-charge of each
24 and every additional shift.

25
26 (c) Over [2000] 3000 kw: one (1) **LICENSED** Professional Mechanical
27 Engineer: *Provided*, That every mechanical work, project or plant in this category
28 operating in more than one shift every twenty-four (24) hours shall have, in addition
29 to the minimum personnel herein required at least one (1) **LICENSED** Professional
30 Mechanical Engineer in-charge of each and every additional shift.

31
32 **A SUPERVISING LICENSED PROFESSIONAL MECHANICAL ENGINEER**
33 **IN-CHARGE OF MECHANICAL WORK PROJECT OR PLANT IN OPERATION**
34 **SHALL BE ALLOWED TO SUPERVISE MULTIPLE ESTABLISHMENTS UNDER**
35 **THE NON-CRITICAL CLASSIFICATION: PROVIDED, THAT LICENSED**
36 **MECHANICAL ENGINEERS IN-CHARGE OF THE SAME PROJECT OR**
37 **OPERATION ARE REQUIRED FOR EACH AND EVERY SHIFT.**

38
39 **THE BOARD SHALL PROVIDE THE GUIDELINES FOR THE**
40 **QUALIFICATION AND ENGAGEMENT OF THE IN-CHARGE SUPERVISING**
41 **PROFESSIONAL MECHANICAL ENGINEERS AND DEFINE THE CRITICAL AND**
42 **NON-CRITICAL CLASSIFICATIONS OF THE ESTABLISHMENT.**

43
44 **FURTHER, THE BOARD SHALL IN CONSULTATION WITH THE**
45 **INDUSTRY STAKEHOLDERS SHALL REVIEW AND AMEND THE CATEGORIES**
46 **AND CLASSIFICATION EVERY THREE (3) YEARS WHEN NECESSARY."**

1 Sec. 2. Separability Clause. - If for any reason, any provision of this Act is
2 declared unconstitutional or invalid, parts of provisions of this Act that are not affected
3 shall continue to be in full force and effect.

4
5 Sec. 3. Repealing Clause. - All laws, executive orders, presidential decrees,
6 Implementing Rules and Regulations inconsistent with the provisions of this Act are
7 hereby repealed or modified accordingly.

8
9 Sec. 4. Effectivity Clause. - This Act shall take effect fifteen (15) days after its
10 publication in the Official Gazette or in two (2) newspapers of general circulation.

11
12 Approved,