

HOW TO APPLY FOR THE PS QUALITY MARK

THE PS QUALITY MARK

The PS Quality Mark is affixed on products manufactured by companies that comply with national or internationally accepted standards, after passing rigid assessment and product testing requirements of the Bureau of Product Standards.

BENEFITS OF THE PS QUALITY MARK

To Consumers:

- Assures product quality, safety and reliability.

To Traders:

- Improves quality reputation as a source of quality products; inspires stronger buyer's confidence in a product, which leads to higher sales and inventory turnovers

To Manufacturers:

- Enhances competitiveness of products in domestic and export markets
- Improves company sales and profitability

HOW TO APPLY FOR THE PS QUALITY MARK

Submission of Application Form

The applicant-firm submits a duly accomplished application form (BPS Form No. 5) to the DTI Regional or Provincial Office nearest him. This form must be signed by an authorized officer of the firm and sworn to before a notary public.

Submission of Supporting Documents

The following documents are to be submitted by the applicant-firm in support of the application:

1. Articles of Incorporation
2. Organizational Chart
3. Quality control staff complement, their designations, qualifications, training courses attended and number of hours thereof
4. List of training courses regularly conducted by the company or other outside training courses attended by company personnel
5. Flow process diagram indicating the inspection points, frequency of inspection and key quality characteristics to be inspected at each control point

6. Brief description of manufacturing process
7. Copy or summary of management policies
8. Copy or description of test plan and specifications used by the company
9. Copy of sampling plans
10. Copy or a sample of work instructions or other related documents
11. Sample copies of frequency tables, histograms and/or statistical control charts and records of inspection/test results
12. Brief description of action taken on defectives
13. Brief description of the system for the preservation, segregation and handling of all items
14. Listing of measuring and testing equipment with nominal capacities at each inspection point and final product testing together with their evidence of ownership
15. Brief description of calibration program (including frequency of calibration)
16. Brief description of equipment maintenance program

BPS Action

Upon receipt of application, the DTI Regional/Provincial Office evaluates all data submitted and then conducts an assessment of the applicant's management, factory and production process, and draws samples of its product for laboratory testing.

If, after exhaustive and strict evaluation, the BPS' requirements are met, the application for a license to use the PS Quality Mark is approved by BPS.

If technical deficiencies are found in the course of the evaluation, technical assistance is rendered to the applicant. It is only after these deficiencies are corrected can the PS Quality Mark license be granted.

Other Requirements Before Issuance of PS Quality Mark License

1. Payment of license fee of P5,000.00
2. Commitment of applicant-firm to consistently conduct a scheme of supervision for quality assurance.

FEATURES OF THE PS QUALITY MARK LICENSE
--

I. Validity

The license is valid unless revoked due to infractions of its terms and conditions.

The licensee is subject to periodic monitoring by the DTI Regional/Provincial Offices to verify if its product quality and manufacturing operations and facilities are maintained at levels required by the applicable standard and the quality assurance scheme of supervision specified by the BPS.

2. Terms and Conditions of License

- a) The product/s specified in the license shall conform to the relevant Philippine national standard or, in special cases, other standards, as approved by the BPS.
- b) The licensee shall use the PS Quality Mark only on its own product which is covered by a valid license to use the Mark.
- c) The licensee shall observe and abide by the provisions of R.A. 4109, E.O. 913, their implementing rules and regulations, and shall comply with any and all directives and orders which the BPS may issue in the enforcement of its authority under the law.
- d) The licensee shall give the duly authorized representative/s of the BPS and the DTI Regional/Provincial Offices reasonable access during working hours to the premises wherein product/s specified in the license is/are manufactured, for the purpose of evaluating materials, production processes, finished articles, quality assurance facilities, records and others in accordance with the "Guidelines for Assessing the Quality Control Systems of Manufacturing Firms Relative to the Issuance of the License to Use the PS Quality Mark" as issued by the BPS.
- e) The licensee shall ensure that the certified product conforms at all times to the relevant Philippine national standard or other standards as approved by the BPS, and for this purpose, shall maintain to the satisfaction of the BPS, its system of quality control, including inspection and testing.
- f) In cases of subcontracts, it is understood that the licensee shall assume full responsibility for the quality of sub-assemblies.
- g) The licensee shall inform the BPS in writing of any change of management, business name and/or transfer of plant site. In the case of transfer of plant site, notice must be made within one (1) month prior to actual transfer, and in the case of other changes, within (1) month after such changes are effected.
- h) Upon transfer of plant site, the license shall be deemed valid only after proper factory reassessment at the new site by the DTI Regional/Provincial Offices, and as approved by the BPS.
- i) The license to use the PS Quality Mark is non-transferrable.
- j) The foregoing terms and conditions shall be binding on all licensees. Any infraction thereof shall constitute sufficient grounds for the institution of cancellation proceedings against a licensee without prejudice to the penal provisions of R.A. 4109, E.O. 913, DTI DAO 9 (1990), and other rules and regulations.

PS CERTIFICATION MARK SCHEME

Number of Applications	1989	1990	1991
Total	70	78	80
Number of Licenses awarded			
Electrical	12	7	12
Firefighting	14	10	19
Chemical	24	23	37
Mechanical	18	3	11
Total	68	43	79
Number of Tests Conducted			
Electrical	1323	1072	3088
Firefighting	128	153	140
Chemical	433	385	621
Mechanical	8120	7623	6276
Total	10004	9233	10125
Licenses issued to Companies as of the Year Indicated (Cumulative)			
	1989	1990	1991
Number of Licenses	688	731	810
Number of Companies	390	423	482

7015

PRODUCT STANDARDS FORMULATED

	1989		1990		1991	
	Mandatory	Non-Mand	Mandatory	Non-Mand	Mandatory	Non-Mand
ELECTRICAL	10	0	4	4	4	0
FIREFIGHTING	2	0	1	3	3	0
CHEMICAL	0	11	0	1	1	25
MECHANICAL	0	5	1	0	0	2
TOTAL	12	16	6	8	8	27

LIST OF BPS-ACCREDITED LABORATORIES
As of October 1991

NAME AND ADDRESS OF LABORATORY	DATE OF ACCREDITATION	FIELD OF TESTING ACCREDITED
1. METALS INDUSTRY RESEARCH & DEVELOPMENT CENTER (MIRDC) Bicutan, Taguig Metro Manila	22 July 1982	Metals & Metal Products
2. PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI) Bicutan, Taguig Metro Manila	01 Sept. 1982	Textile & Textile Products
3. PHILIPPINE INSTITUTE OF PURE AND APPLIED CHEMISTRY (PIPAC) Ateneo de Manila University Loyola Heights, Quezon City	02 Nov. 1982	Chemical & Chemical Products
4. CONSOLIDATED INDUSTRIAL GASES INC. (CIGI) Km. 40, National Highway Sta. Rosa, Laguna	12 Aug. 1983	1) Nitrogen 2) Oxygen 3) Argon 4) Hydrogen 5) Carbon Dioxide 6) Acetylene
5. FILIPINAS ELECTRO INDUSTRIAL CORPORATION (FEIC) 341 MacArthur Highway Valenzuela, Metro Manila	22 Feb. 1984	Requalifier of LPG Cylinders
6. AGRICULTURAL MACHINERY TESTING & EVALUATION CENTER (AMTEC) University of the Philippines Los Baños, College, Laguna	06 April 1984	1) Hand Tractor 2) Thresher 3) Drier 4) Corn Sheller 5) Rice Mill 6) Weeder 7) Transplanter 8) Puddler 9) Seeder 10) Reaper 11) Engine Pump 12) Sprayer 13) Hammer Mill 14) Feed Mixer 15) Chaff Cutter

- | | | | |
|-----|---|---------------|---|
| 7. | ASEPHIL MANUFACTURING CORPORATION
31 Meralco Avenue
Pasig, Metro Manila | 21 June 1984 | Requalifier of LPG
Cylinders |
| 8. | ASEPHIL MANUFACTURING CORPORATION
Plaridel St., Bo. Umapad
Mandaue City, Cebu | 29 Sept. 1989 | Requalifier of LPG
Cylinders |
| 9. | PHILIPPINE CEMENT INDUSTRY AUTHORITY
(Cement Central Laboratory)
#4 Connecticut St. cor. EDSA
Greenhills, San Juan, M.M. | 12 July 1985 | 1) Portland Cement
(Types: (I,II,III
IV & V)
2) Pozzolan & Blended
Cements |
| 10. | RAMCAR INCORPORATED
Km. 18, Bancal
MacArthur Highway
Meycauayan, Bulacan | 17 July 1985 | Automotive Lead-Acid
Storage Battery |
| 11. | OSTREA MINERAL LAB., INC.
1264 Pres. Quirino Avenue
corner Pinafrancia St.
Paco, Metro Manila | 17 July 1985 | 1) Gold & Silver
Assay
2) Coal Analysis
3) Fertilizer &
Fertilizer Products
4) Feeds & Feed
Products
5) Soil Analysis |
| 12. | NATIONAL FOOD AUTHORITY
(N F A)
101 Matimyas Building
E. Rodriguez Sr. Avenue
Quezon City, Metro Manila | 05 Aug. 1985 | 1) Palay
2) Milled Rice
3) Corn Grain
4) Wheat
5) Corn Grits
6) Mongo
7) Grain Testing
8) Sorghum
9) Soybean
10) Rice by-products
11) Corn by-products
12) Peanuts |
| 13. | SIME DARBY PILIPINAS, INC.
Gil J. Puyat Ave. corner
Ayala Avenue, Makati, M.M. | 30 Aug. 1985 | 1) Natural Crumb
Rubber
2) Pneumatic Tires |
| 14. | C. C. UNSON COMPANY, INC.
172 Gen. Luis Street
Novaliches, Quezon City | 19 Sept. 1985 | Automotive Lead-Acid
Storage Battery |

15.	PHILTREAD TIRE & RUBBER CORPORATION Sucat, Muntinlupa, M.M.	25 Nov. 1985	1) Pneumatic Tires
	PHILTREAD TIRE & RUBBER CORPORATION Sucat, Muntinlupa, M.M.	17 Dec. 1986	2) Natural Crumb Rubber
16.	GOODYEAR TIRE & RUBBER CO. OF THE PHILS., INC. Bo. Almanza, Las Piñas Metro Manila	25 Nov. 1985	Pneumatic Tires
17.	UNIVERSITY OF SAN CARLOS TESTING CENTER P. del Rosario Street Cebu City	04 Dec. 1985	Chemicals
18.	A.G. & E. ALLIED SERVICES COMPANY 98 San Guillermo Street Buting, Pasig, Metro Manila	18 March 1986	Requalifier of LPG Cylinders
19.	SUPERIOR GAS & EQUIPMENT COMPANY 6 Tiosejo Street Mandaluyong, Metro Manila	24 March 1988	Requalifier of LPG Cylinders
20.	PHILIPS ELECTRONICS & LIGHTING, INC. Pamplona, Las Piñas, M.M.	07 April 1988	Fluorescent and Incandescent Lamps
21.	REFRACTORIES CORPORATION Mapalad, Iligan City	05 August 1988	Basic Refractories & Monolithics
22.	CME ENGINEERING AND CONSULTING SERVICES 893 EDSA, Quezon City	27 Sept. 1988	Feeds, Domestic & Industrial Waste Water & Foods
23.	SGS FAR EAST LIMITED PHILS. Don Tim Bldg., South 5468 South Super Highway Makati, Metro Manila	09 Sept. 1988	1) Vegetable Oils & Food 2) Water 3) Coal & related fuels 4) Mineral ores & conc. 5) Chemicals & fertilizer 6) Structural building & Ceramics materials 7) Industrial manufacturing materials
		08 Oct. 1990	8) Toys

- | | | | |
|-----|---|-----------------|--|
| 24. | FUEL AND APPLIANCE TESTING
Office of Energy Affairs
PNOC-ERDC Compound
Commonwealth Ave. Quezon City | 29 Dec. 1989 | Energy Efficiency Ratio
of Ratio of Room
Airconditioners |
| 25. | MAR FISHING COMPANY,
INC. LABORATORY
Recodo, Zamboanga City | 04 April 1990 | Fish, Fish Products
and Food |
| 26. | MANIFOLD CONSTRUCTION
ENTERPRISES, INC.
Bo. Ugong, Pasig
Metro Manila | 28 June 1991 | Requalifier of LPG
Cylinders |
| 27. | RD GINDANG CONSTRUCTION
Opao, Mandaue City
Cebu
(Romeo Gindang)
Gen. Manager | 10 October 1991 | Requalifier of LPG
LPG Cylinders |
-

Private - 22
Government - 5

1991-11-20

**DEPARTMENT OF TRADE AND INDUSTRY
BUREAU PRODUCT STANDARDS**

**FACTORY AND PRODUCT
ASSESSMENT REPORT**

Name of Manufacturer : _____

Address : _____

Name of Product : _____

Date of Assessment : _____

ASSESSMENT : _____

Name of Company : _____
 Product : _____
 Address : _____
 Tel. No. : _____

RAW MATERIALS INSPECTION (I.R.)	IN-PROCESS MATERIALS INSPECTION (I.I.)	END PRODUCT INSPECTION (E.I.)
--	---	--

PART 1 : FACTORY ASSESSMENT REPORT

1. ORGANIZATION

- | | | | | |
|-----|---|--------------------------|--------------------------|--------------------------|
| 1.1 | Management policies and objectives defined | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.2 | Responsibilities and authorities of personnel primarily responsible for quality control defined | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.3 | Qualified / Competent persons utilized for inspection | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.4 | Inspection personnel aware of the requirements of BPS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.5 | Regular training for Q.C. personnel conducted. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2. RECORDS AND DOCUMENTATION

- | | | | | |
|-----|---|--------------------------|--------------------------|--------------------------|
| 2.1 | Documents as a basis for quality control such as Inspection and Test Plan, Specifications, etc., maintained | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.2 | Inspection and test plan fully implemented | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.3 | Quality standards specified | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.4 | Test methods / procedures established | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.5 | Sampling plans defined | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

	RAW MATERIALS INSPECTION (I.R.)	IN-PROCESS MATERIALS INSPECTION (I.I.)	END PRODUCT INSPECTION (E.I.)	
2.6	Applicable documents such as work instructions, etc., available to all functional areas and test points	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7	Records of test results to assess conformity of products with PS specifications adequate (Study records for past 6 months and determine from test results of quality level is consistent). Report findings in "REMARKS AND RECOMMENDATIONS"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8	Records of sub-standard production/defects/defectives for reprocessing available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.9	Records of costs due to sub-standard production including cost of reprocessing available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. QUALITY CONTROL MEASURES

3.1	Inspection points identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Frequency of inspection at inspection points established	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Key quality characteristics for inspection/examination and testing at each inspection point identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Key defect/defectives subject to control at each inspection point identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Acceptance criteria to be used in each inspection point specified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6	Forms for registering inspection/test results at each inspection point appropriate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.7	Frequency tables, histograms and/or statistical control charts utilized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.8	Records of inspection/test results fully utilized by management in undertaking corrective action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DEPARTMENT ADMINISTRATIVE ORDER NO. 9
Series of 1990

SUBJECT: Defining the responsibilities and liabilities of manufacturers/importers, distributors, wholesalers and retailers with regard to mandatory product standards

Pursuant to Section 2 of Executive Order No. 913, Series of 1983, and Sec. 3 (x) of Executive Order No. 133, Series of 1987, empowering the Secretary of the Department of Trade and Industry to promulgate rules and regulations to implement the provisions and intent of any trade and industry law, the following rules and regulations implementing Republic Act No. 4109 are hereby prescribed and promulgated for the information, compliance and guidance of all concerned.

SECTION 1. Definition of Terms. - As used in this Department Administrative Order, the following terms are defined as follows:

- a) BPS - is the Bureau of Product Standards of the Department of Trade and Industry;
- b) Priority Products - are products that affect life, health, safety and property, such as, but not limited to electrical and firefighting equipment, construction materials, medical oxygen and consumer goods;
- c) Mandatory standards - are standards imposed by BPS on priority products, whether manufactured locally or imported;
- d) PS License - is the license issued by BPS to manufacturers or importers of priority products which have complied with the mandatory standards;
- e) PS Mark - the mark required by BPS to be placed on priority products manufactured or imported by a PS Licensee;
- f) Markings - refer to the standard mark, logo, symbol, manufacturers' name, trademark, product type or class, etc. imprinted or embossed on a product or label intended to convey relevant information about the product.

SECTION 2. Requirement of PS License - Manufacturers and importers of any priority product are required to secure PS License prior to selling, offering for sale, or otherwise disposing of their product(s).

SECTION 3. Requirement of PS Mark and Markings - Manufacturers and importers of any priority products shall use the PS Mark or other marking(s) mandated by BPS or other concerned agencies, prior to selling, offering for sale, or otherwise disposing of their product(s).

SECTION 4. Responsibility of Distributors, Wholesalers and Retailers of Priority Products - All distributors, wholesalers and retailers of priority products shall sell, or offer for sale, only priority products with PS License, PS Mark and other required markings.

SECTION 5. Prohibited Acts. - The following acts are hereby prohibited:

- a) Selling, offering for sale, or in any manner disposing of any priority product without the required PS License and a certification from BPS that the product conforms to the mandatory standards;
- b) Selling, offering for sale, or in any manner disposing of any priority product without the PS Mark or other markings required by Rep. Act No. 4109, and the implementing rules and regulations issued by the Department of Trade and Industry;
- c) Selling, offering for sale, or in any manner disposing of any priority product under a fake PS License or Mark;
- d) Abetting the shipment abroad and/or facilitating the discharge, distribution and/or sale for domestic consumption of any priority product in violation of the provisions of Sec. 6 of Rep. Act. No. 4109, or any rules and regulations issued there-with;
- e) Issuance of customs export entry, import entry, declaration, release certificate, manifest, clearance, import permit, or permit to ship abroad and/or discharge, without an inspection having been conducted in accordance with Sub-sections (b), (c), (d) and/or (e) of Section 4 of Rep. Act. No. 4109;
- f) In any investigation conducted by BPS relative to the issuance of PS License or certifications:
 - (1) failure or refusal to comply with a legal summons, subpoena or subpoena duces tecum issued by BPS;
 - (2) refusal to be sworn, prior to giving testimony;
 - (3) refusal to answer pertinent questions;
 - (4) giving of false or misleading data or information; and
 - (5) willful concealment of a material fact.

SECTION 6. Procedures - The following procedures shall be undertaken in the enforcement of this Order. DTI Provincial Directors shall undertake to do and perform the following acts, for and on behalf of the undersigned.

1. To file and institute a formal charge against any person, company or entity who is found, upon verified complaint/reports supported with documents and other papers committing any act or activity in violation of trade and industry laws.
2. To designate any employee, under his supervision or control to act as the Investigation/Mediation/ Prosecution Officer where the services of said officers are necessary.
3. If during mediation, respondent admits the violation, the Provincial Director shall issue the decision

and impose such administrative penalties as may be provided under E.O. 913. If respondent does not admit the violation, the Provincial Director shall file statement of violation with the Regional Office concerned.

4. The Regional Director shall conduct a formal investigation and render a decision in accordance with E.O. 913.

5. Formal Hearing - The Provincial Director who instituted the formal charge/statement of violation shall prosecute the case himself or through his duly authorized representative.

6. Decision - Within fifteen (15) days from the termination of the administrative proceedings, a written decision shall be served on the complainant and the respondent either by mail or personal service.

7. Execution - Unless a motion for reconsideration is filed within fifteen (15) days from receipt of the decision by the party adversely affected or an appeal is made to the undersigned within said period, the decision shall become final and executory after fifteen (15) days from receipt of such decision.

SECTION 7. Administrative Penalties for Violation of Rep. Act. No. 4109, P.D. No. 187, P.D. No. 748, B.P. Big. 8, or this Order - Any violation of Rep. Act 4109, P.D. No. 187, P.D. No. 748, B.P. Big. 8, or this Order No. 913, of 1983, such as:

- a) The issuance of a cease-and-desist order;
- b) The condemnation or seizure of products which are the subject of the offense;
- c) The seizure and forfeiture of the paraphernalia and all properties, real or personal, which have been used in the commission of the offense;
- d) The closure of the business establishment, warehouse, building, shop or any other structure which was used in the commission of the offense; provided, that

the penalty of closure shall be for a minimum of five (5) days, without prejudice to the imposition of permanent closure, if warranted;

e) The imposition of administrative fines in such amount as deemed reasonable by the Chief Hearing Officer/Adjudication Officer, which shall in no case be less than five hundred pesos nor more than one hundred fifty thousand pesos plus not more than one thousand pesos for each day of continuing violation. The fine imposed under this Section shall be regardless of the limits of the criminal fine fixed in the trade and industry law violated;

f) The cancellation of any permit, license, authority, or registration which may have been granted by the Department, or the suspension of the validity thereof for such period of time as the Secretary may deem reasonable which shall not, however, exceed one year; and

g) Censure.

The filing of an administrative case before the DTI shall be without prejudice to the filing of appropriate criminal charges for violation of Rep. Act No. 4109, P.D. No. 187, P.D. No. 748 and B.P. Big. 8.

SECTION 8. Repealing Clause. All department administrative orders inconsistent herewith are hereby repealed or modified accordingly.

SECTION 9. Effectivity. - This Order shall take effect fifteen (15) days after publication in two (2) newspapers of general circulation.

Makati, Metro Manila, 3 September 1990.

(SGD) JOSE S. CONCEPCION, JR.
Secretary

貿易工業省告示 1990年一連番号第9号

題名：製造業者、輸入業者、流通業者、卸売業者及び小売業者の強制製品規格に関する責任
及び義務の規定

貿易工業省次官に対し、貿易工業法の条項及び趣旨を実施するための規則及び規定を公布する権限を付与した1983年一連番号第913号 行政命令第2条及び、1987年一連番号第133号 行政命令第3(X)条にしたがって、共和国法律第4109号を実施する下記の規則及び規定を、関係者全員の情報、適合及び指針のために、ここに規定し、公布する。

第1条 用語の定義

この貿易工業省告示の中で使用する次の用語を以下の通り定義する。

a) B P S

貿易工業省の製品規格局である。

b) 優先品目

特にこれらに限るわけではないが生命、健康、安全性及び財産に影響する、電氣的及び消防用装置、建築材料、医療用酸素及び消費者用製品のような製品である。

c) 強制規格

国内製品及び輸入品の上記優先品目に対してB P Sが強制する規格である。

d) P S ライセンス

B P Sが、強制規格に適合した優先品目の製造者または輸入者に発行するライセンスである。

e) P S マーク

P S ライセンス取得者が製造または輸入した優先品目の上に表示すべきマークである。

f) 表示

規格マーク、ロゴ、記号、製造業者名、商標、製品の型式または級別など、製品またはラベルの上に印刷するかまたは浮彫りにしたもので、製品についての関係情報を伝える目的のものを指す。

第2条 PSライセンス取得に関する要求事項

優先品目の製造業者及び輸入業者は、その製品の販売、販売のための提供、またはその他の処分に先立って、PSライセンスを取得しなければならない。

第3条 PSマーク及び表示に関する要求事項

優先品目の製造業者及び輸入業者は、BPSまたはその他の関係機関が定めたPSマーク、またはその他の表示を、販売、販売のための提供、またはその製品のその他の処分に先立って、使用しなければならない。

第4条 優先品目の流通業者、卸売業者及び小売業者の責任

優先品目の流通業者、卸売業者及び小売業者はすべて、PSライセンス、PSマーク及びその他の必要な表示をした優先品目のみを販売または、販売のための提供をしなければならない。

第5条 禁止行為

次の行為を、ここに禁止する。

- a) 規定のPSライセンス及び、製品が強制規格に適合していることのBPSからの証明のないいずれの優先品目の販売、販売のための提供、または何らかの方法での処分をすること。
- b) 共和国法律第4109号が要求するPSマークまたはその他の表示なしに、また、貿易工業省が定める規則及び規定を実施をすることなしに、いずれの優先品目の販売、販売のための提供または何らかの方法での処分をすること。
- c) 偽造PSライセンスまたはマークでのいずれの優先品目の販売、販売のための提供、または何らかの方法での処分をすること。
- d) 共和国法律第4109号第6条、またはそれと共に定められた規則、または規定のいずれかに違反して、いずれの優先品目を、外国へ出荷することを教唆し及び/または国内消費のために放出、配布または販売する便宜を与えること。
- e) 共和国法律第4109号第4条(b)、(c)、(d)及び/または(e)項に基づく検査を実施することなく、税関輸出手続書類、輸入手続書類、申請書、収容貨物解除証明書、積荷明細書、通関、輸入許可書、または外国出荷及び/または放出の許可書を発行すること。
- f) PSライセンスまたは証明書の発行に関してBSが行ういずれの調査において；
 - (1) BPSが発行した法的呼出、召喚状または証拠書類携帯召喚状への不履行または拒否
 - (2) 証言に先立って示された宣誓拒否
 - (3) 関連質問への回答の拒否
 - (4) 虚偽のまたは誤解を招く情報の提示、及び
 - (5) 重大な事実の故意の秘匿

第6条 手続き

この告示の実施に当たり、次の手続きを取らなければならない。

D T Iの地方局長は次の行為を、署名者のため及び代りに遂行しなければならない。

1. 貿易工業法に違反するいずれかの行為または活動を行ったことが、文書およびその他の書面によって苦情／通報を確認して判明したとき、その個人、会社、または団体に対して正式の訴を提起すること。
2. かかる業務が必要な場合、捜索官／調停官／検察官として行動する地方局長の監督または管理下にあるものを指名すること。
3. 調停の間に、被告が違反を認めるときは、地方局長はその決定を行い、E. O. 9 1 3に定める行政罰を課すものとする。被告が違反を認めないときは、地方局長は違反申述書を、関係の地域事務所に提出するものとする。
4. 地域事務所長は、正式の捜査を実施し、E. O. 9 1 3に定める決定を行わなければならない。
5. 公式尋問

違反に関する正式の提訴／申述を行った地方局長は、その事件を自らまたはその権限を受けた代理人を通じて訴追しなければならない。

6. 裁定

行政手続の完了から15日以内に、書面による決定を原告及び被告に対して郵便または交付送達によって送付しなければならない。

7. 執行

不利な影響を受ける当事者が裁定を受領してから15日以内に、再審査のための申し立てか、または上記の期間内に署名者への申立がない限り、裁定は当該裁定の受領の日から15日後に確認し、執行力のあるものとなる。

第7条 共和国法律第4109号、P. D. 187号、P. D. 748号、B. P. B 1 g. 8号またはこの命令への違反についての行政罰

共和国法律第4109号、P. D. 187号、P. D. 748号、B. P. B 1 g. 8号または1983年一連番号第913号によるこの命令への違反についての行政罰は、下記の通りである。

- a) 営業停止命令の発行
- b) 違反の原因である製品の没収の宣言
- c) 違反の犯行に用いられた用具及びすべての財産、不動産または動産、の没収および差し押さえ
- d) 違反の犯行に用いられた事業組織、倉庫、建物、店舗、その他あらゆる構造物の閉鎖
但し、休業の罰は、その根拠を有するときは永久休業の賦課の権利を損なうことなく、最低5日でなければならない。
- e) 行政罰金の賦課は、主任尋問官／裁定官が合理的であると見なす額であって、いかなる場合にも、500ペソを下らず、また、15万ペソに違反が継続した日毎に千ペソを加えた額を超えないものとする。本条に基づく罰金は、違反した貿易工業法に定める刑事罰金の限度には、関わりないものとする。
- f) 貿易工業省が与えたいずれの許可、ライセンス、権限または登録の取り消し、または、次官が合理的であると見なす期間の間のこれらの効力の停止で1年を超えないもの。
- g) 譴責

行政事件のDTIへの申立は、共和国法律第4109号、P.D. 187号、P.D. 748号およびB.P.B 1 g. 8号の違反についての適切な刑事告発の権利を損なわないものとする。

第8条 廃棄条項

貿易工業省の行政命令で、これと矛盾するものはすべて、ここに廃棄するか、またはこれに従って修正する。

第9条 有効性

この告示は、全国紙2紙に発表した日から15日後に発効する。

マカティ、メトロマニラ、1990年9月3日

(SG-D) Jose S. Concepcion, JR.

次官

**IMPLEMENTATION OF DAO 9
January - December 1991**

ACTIVITIES	EMO/ BPS	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	TOTAL
I. INFORMATION DISSEMINATION No. of seminar/dialogue	26		15	72	66	54			82	40	23	17		135	16	546
II. PRIORITY PRODUCTS																
o Steel bars	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Ballasts		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Fuse			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Wires and Cables			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Fire Extinguisher	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Starters for fluorescent lamp		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Lampholder for fluorescent lamps		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Circuit breakers		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
o Others				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
III. ENFORCEMENT																
o No. of establishments monitored	91	275	71	282	386	1 031	424	10 47	294	612	636	297	589	1 143	379	7 587
o No. warned	-	-	15	198	59	235	138	156	69	181	92	64	32	136	41	1 416
o No. charged/penalized	20	97	15	22	45	60	82	133	49	73	73	35	60	182	12	958
o Total fine, thousand pesos (no. of establishments fined)	1 340 (20)	271.45 (39)	13.5 (6)	63.5 (22)	74 (42)	198 (46)	281.16 (53)	301.5 (74)	149.5 (42)	535.5 (70)	88.75 (37)	21 (30)	40.5 (37)	250.7 (154)	23 (12)	3 652.08 (707)
o Value of confiscated products, thousand pesos			1.24	6.15			156.8									164.2

DAO NO. 9 IMPLEMENTATION

PRIORITY PRODUCTS

1992

- **First Priority Products (Minimum Performance Targets)**
 1. STEEL BARS
 2. BALLAST
 3. FIRE EXTINGUISHER
 4. PLYWOOD
 5. STARTERS
 6. LAMPHOLDER (FLUORESCENT LAMP/EDISON BASE)
 7. ENCLOSED SWITCH/KNIFE SWITCH/FUSEHOLDER
 8. FUSE

ms

DAO NO. 9 IMPLEMENTATION

PRIORITY PRODUCTS

1992

- **Second Priority Products(If possible to do with present resources)**

Sub-priority 1

1. WIRES AND CABLES
2. CIRCUIT BREAKERS
3. SWITCH(SNAP)
4. PLUGS/RECEPTACLES(OUTLETS)
5. FLUORESCENT LIGHTING FIXTURES
6. ELECTRICAL TAPES
7. MEDICAL OXYGEN
8. CEMENT

Sub-priority 2

1. SYNTHETIC DETERGENT(Per E.O. 259)
2. PNEUMATIC TIRES AND INNER TUBES
3. GALVANIZED IRON(G.I.) SHEETS
4. PRECOATED GALVANIZED IRON SHEETS
5. SAFETY MATCHES
6. DISPOSABLE LIGHTERS
7. ENAMELD COPPER WIRES(Magnet Wires)
8. SAWN TIMBER
9. WIRE NAILS

DAO NO. 9 IMPLEMENTATION

PRIORITY PRODUCTS

1992

Third Priority Products (Refer to BPS, For Action)

1. STEEL BARS (6 & 7 mm)
2. SANITARY WARES
3. BRAKE FLUID
4. CERAMIC TILES
5. SAFETY GLASS FOR AUTOMOTIVE USE
6. UPVC ELECTRICAL CONDUIT
7. AC ELECTRIC FANS
8. SPRING BALANCES
9. FIRE HOSE
10. KEROSENE AND GAS STOVES
11. PACKAGING/LABELLING FOR TOYS
12. SAFETY REQUIREMENTS FOR WASHING MACHINES
AND REFRIGERATORS
13. ENERGY EFFICIENCY FOR REFRIGERATORS AND
AIRCONDITIONERS
14. MINIATURE LAMPS
15. UPVC PIPES AND TUBES
16. LONGITUDINALLY WELDED PIPES

wm

DAO NO. 9 IMPLEMENTATION

PRIORITY PRODUCTS

1992

Others

1. LEAD ACID STORAGE BATTERIES
2. CONCRETE HOLLOW BLOCKS(for review of standard, due to new materials used)
3. TOILET SOAP
4. COPPER/ALUMINUM REDRAW RODS
5. CARBON STEEL WIRE RODS
6. PORCELAIN DINNERWARE
7. DENTRIFICE
8. GLASS TABLEWARES

my



Republic of the Philippines
DEPARTMENT OF TRADE AND INDUSTRY
BUREAU OF PRODUCT STANDARDS

our date

our reference

TO : *[Handwritten Signature]*

FROM : Director, BPS

SUBJECT : *[Handwritten Subject]*

The following are the issues discussed with DTI TARD Offices during our meeting last 15 & 20 November for Luzon, and 4 & 5 December for Visayas and Mindanao regarding product standards activities.

STANDARDS ENFORCEMENT TARGETS - Standards enforcement targets of DTI Regional/Provincial Offices will be focused on two areas: 1) factory assessment and 2) DAD 9(1990) enforcement.

***FACTORY ASSESSMENT** - BPS will provide the regional and provincial offices their annual factory assessment target (based on reassessments of existing PS licensees), while regional/provincial offices will determine their target for new PS licensees. The total will constitute their minimum performance target for factory assessment for 1992.

***DAD 9(1990) ENFORCEMENT** - Enforcement of DAD 9(1990) will cover products based on priority listing. As agreed, work related to products under the First priority list (see attached) will reflect the minimum performance target, while work for products under the Second priority list (see attachment) will be done if possible to do with the present resources of the DTI Regional/Provincial Offices.

All issues, questions or work related to products under the Third priority list (see attachment) should be referred to BPS for action, while products under the list "Others" are subject to further study by BPS for possible exclusion from the coverage of mandatory standards.

For plywood in particular, which is under First priority list, please await the issuance of the revised implementing guidelines.

RANGES OF ADMINISTRATIVE FINE - Please await RSG decision on a new schedule of administrative fines; the existing one will be examined for the purpose of avoiding large disparities among fines imposed by Regional/Provincial Offices for similar or identical violations under DAD 9(1990).

Member: International Organization for Standardization • Philippine Inquiry Point for GATT Agreement on Technical Barriers to Trade

Postal Address
P.O. Box 2363 MCPO

Office Address
Trade and Industry Building
361 Sen. Gil J. Puyat Avenue
Makati Metro Manila
Philippines 1117

Telephone
National 8185701 to 41
International (632) 8175527

Fax: 14830 MTI PS
Cable: PHILSTAND
Telefax: (632) 8179870

MONTHLY REPORT FORM - Attached is the monthly report form for DAO 9(1990) enforcement, as modified, based on the TTB Chief's meetings.

ANNUAL TARGET OF ESTABLISHMENTS TO BE MONITORED - We request your submission by 15 January 1992 of the total number of establishments in your regions/provinces covered by DAO 9(1990) to be monitored in 1992.

The reporting of the total number of establishments, out of which a realistic, attainable target for monitoring of compliance will be made, is necessary, so that we will have a complete picture of how much of the total establishments in your respective jurisdictions is covered by your enforcement work. Attached is the report form.

In drawing up your target, a prioritization of cities/towns in your area is suggested in order to achieve strategic focus over localities with manufacturers and/or large distributors of priority products.

The number of establishments targetted for monitoring must constitute a significant percentage (you must inform us how much this targetted percentage is) of the total number in the strategic areas; For these establishments, 100% compliance with standards regulations shall be aimed at.

Finally, the target must not reflect repeat visits to an establishment. Hence, for a single establishment to be visited thrice, the target should only be one, not three. If you wish to report also the actual number of visits, simply attach notes to your report form.

For your information and appropriate action.



RENATO V. NAVARRETE
Director



REPUBLIC OF THE PHILIPPINES
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY
NEDA sa Pasig, Amber Avenue Pasig, Metro Manila

別添 13

Cable Address: NEDAPHIL
P.O. Box 419, Greenhills
Tels. 631-0945 to 64

AUG 8 1991

Honorable Peter D. Garrucho, Jr.
Secretary
Department of Trade and Industry (DTI)
361 Sen. Gil J. Puyat Avenue
Makati, Metro Manila

Attention: Undersecretary Ernesto M. Ordoñez

Dear Secretary Garrucho:

We would like to inform you that during the 15th RP-Japan Annual Bilateral Consultations on Grant-Aid and Technical Cooperation Programs held last 11 and 13 June 1991, the Japanese Government Mission favorably considered to fund the National Construction Productivity Development Project under the FY 1992 Project-Type Technical Cooperation Program (PTTC).

The Japanese Government indicated that it may consider in the future the following projects:

1. Establishment of Supporting Facilities for the BPS National Standardization and Industrial Quality Control Improvement Program (under PTTC)

The Japanese Government Mission specifically indicated the following points of concern: (a) a space/building should be provided by the proponent for the equipment, (b) the equipment must not be too complicated or of high technology to avoid a large budget for Operation and Maintenance, and (c) the need to clarify the respective roles of DOST and DTI. In this regard, we also would like to inform you that the Mission was not entirely agreeable to the idea of multi-agency implementation of projects.

2. Master Plan for West Central Luzon Development Program (under the Development Survey, Technical Cooperation Program)

The Mission indicated that the project may be considered in the future subject to the results of the ongoing Master Plan Study in CALABARZON.

In this regard, we would like to advise your Office to closely coordinate with the Japanese Embassy on the projects.


Further, we would like to inform you of the programming schedules of the regular JICA programs, as presented to us by the Japanese Embassy. The deadlines are as follows:

Project-Type Technical Cooperation Program	June	15
Development Survey, Technical Cooperation Program	November	15
Grant-Aid Program	February	15

Please note that these dates refer to the year preceding scheduled implementation, e.g., PTTC deadline is 15 June 1991 for FY 1992 implementation. Inasmuch as the deadline for the programming of PTTC has lapsed, the next programming will be for the Development Survey category. Should you have any clarification, please contact our Public Investment Staff (PIS) at telephone numbers 631-3759 and 631-2194.

With best regards.

Very truly yours,


CAYETANO W. PADERANGA, JR.
Director-General and
Secretary of Socio-Economic Planning

cc : Mr. Masataka Iijima
Resident Representative
JICA, 12/F Pacific Star Bldg.
Sen. Gil J. Puyat Ave. cor. Makati Ave.,
Makati, Metro Manila



Republic of the Philippines
DEPARTMENT OF TRADE AND INDUSTRY
BUREAU OF PRODUCT STANDARDS

別添 14

our date

our reference

23 December 1991

Director MARGARITA R. SONGCO
Trade, Industry & Utilities Staff
NATIONAL ECONOMICS & DEVELOPMENT AUTHORITY
Amber Avenue, Pasig, Metro Manila

Dear Director Songco :


As per Record of Discussions during annual consultation between the Japanese Government Mission and the Philippine Delegation, we are pleased to submit the attached BPS application for Project-Type Technical Cooperation on "Improvement Program of PS Certification Scheme for Electrical and Firefighting Products" for your kind consideration.

Implementation of this project will greatly benefit the Filipino people in terms of upgrading and monitoring of quality products being sold in the market.

Thank you for your continued support and assistance.

MERRY CHRISTMAS AND HAPPY NEW YEAR !!!

Very truly yours,


RENATO V. NAVARRETE
Director

Member: International Organization for Standardization • Philippine Inquiry Point for GATT Agreement on Technical Barriers to Trade

Postal Address
P.O. Box 2363 MCPO

Office Address
Trade and Industry Building
361 Sen. Gil J. Puyat Avenue
Makati Metro Manila
Philippines 3117

Telephone
National 818 5701 to 41
International (632) 817 5527

Telex: 14830 MTI PS
Cable: PHILSTAND
Telefax: (632) 817 9870

APPLICATION FOR PROJECT-TYPE TECHNICAL COOPERATION

I. NAME OF PROJECT :

Improvement Program of PS Certification Scheme for
Electrical and Firefighting Products

II. IMPLEMENTING AGENCY :

Bureau of Product Standards

III. RESPONSIBLE MINISTRY :

Department of Trade and Industry

IV. SITE OF PROJECT :

Metals Industry Research and Development
Center Compound
Bicutan, Taguig, Metro Manila

V. FUNCTIONS AND DUTIES OF THE AGENCY :

The Bureau of Product Standards (BPS) is the Philippine National Standards body. As such, it promotes enforces and coordinates standardization activities in the Philippines. BPS is primarily responsible for the implementation of third-party certification scheme on building and construction materials, electrical, mechanical, chemical, consumer and all other products through product inspection and testing. Established by virtue of Executive Order No. 133 and Republic Act 4109, the BPS was mandated and empowered to establish standards for, and inspection of, all agricultural, forest, mineral, fish, industrial and all other products of the Philippines for which no standards have as yet been fixed by law, executive order, rules and regulations and the inspection and certification of the quality of commodities imported by the Philippines. Moreover, BPS is responsible for accreditation of testing laboratories and inspection bodies.

Authorities and Duties of the Agency

The Bureau of Product Standards (BPS) promotes, enforces and coordinates standardization activities in the Philippines through the following programs:

- 1) Standards Development;
- 2) Product Testing and Certification;
- 3) Technical Assistance and Consultancy; and
- 4) Promotion of Standards and the Metric System.

The said programs are carried out by its four (4) divisions with the following functions :

1) Standards Development Division

- Formulation and issuance of standards, sampling and testing methods and codes of practice.
- Preparation, implementation, monitoring and evaluation of programs on national and international standardization activities, harmonization of Philippine standards with regional and international standards, and prioritization of products for standardization.
- Organization of multi-sectoral technical committee to assist in standards writing.
- Coordination with specialized standards writing bodies in the acceleration of national standardization work.

2) Standards Promotion Division

- Preparation, implementation, and evaluation of programs on technical information services to manufacturers, exporters, consumers and other clients.
- Operation of the Philippine inquiry point for the GATT Agreement on Technical Barriers to Trade (or Standards Code).
- Publication of technical information on standardization and foreign market quality requirements.
- Conducts exhibits, seminars and other information programs for public awareness about the value of standardization and of the Philippine standardization and of the Philippine Standard (PS) Certification Mark.

Quality Control Assistance Division

Preparation, coordination and evaluation of programs on clients and DTI personnel's specialized technical training on industrial quality control.

- Extension of production and quality control consultancies to manufacturers, especially PS Mark license applicants and holders.
- Coordination with Philippine and foreign institutions in obtaining resources for the implementation of technical training programs on industrial quality control.,

4) Standards Conformity Division

- Formulation, implementation and coordination of policies and programs on the PS Quality Certification Mark Licensing Scheme, and Import Commodity Clearance Scheme.
- Conduct of product tests relative to standards formulation and implementation.
- Preparation, implementation, and evaluation of programs on laboratory accreditation.
- Enforcement of compliance with standards.

Personnel

The number of personnel of the BPS is as follows:

Director - - - - -	1
Assistant Director - - - - -	1
Division Chief - - - - -	4
Assistant Division Chief - - - - -	3
Senior Product Standards Specialist - - - - -	16
Product Standards Specialist II - - - - -	18
Product Standards Specialist I - - - - -	19
Product Standards Researcher - - - - -	8
Secretary - - - - -	2
Clerk III - - - - -	6
Driver - - - - -	4
Casual - - - - -	4
T O T A L - - - - -	86

Budget (Revenue and Expenditure)

BPS 1991 Budget :

Personnel Services	P5,941,000.00
Maintaining & Other Services	P4,188,000.00
<hr/>	
Total	P 10,129,000.00

VI. PURPOSE AND CONTENT OF THE PROJECT :

This Project aims to improve the National Standardization and Industrial Quality Control in order to promote the Philippine's economic growth and industrization by means of the following :

1. For BPS to fully implement all mandatory product standards particularly for electrical and firefighting products in relation to the Philippine Standard (PS Certification Scheme.
2. Developing and training BPS technical personnel in the fields of inspection, testing, analyses, evaluation, and other related areas for them to be able to provide continuing technical assistance to industries for the improvement of the quality of their products.

As identified during the Development Study on the "National Standardization and Industrial Quality Control Improvement Program in the Philippines" conducted in 1988 and 1989 by the Japan International Cooperation Agency (JICA), it is needed to immediately address the following problems that are besetting the industries and the BPS itself:

1. Inadequate testing facilities especially for Electrical and firefighting products.
2. Low level of testing technique for product certification.
3. Inadequate calibration facilities.

This Project is of utmost importance for the Philippines' goal of attaining a Newly Industrialized Country (NIC) status. As such, the following measures are needed to be undertaken without delay :

1. Provision of laboratory testing equipment for electrical and firefighting products;
2. Provision of technical assistance from Japan;
3. Training of Philippine technical personnel in Japan and;
4. Improvement of the implementation of the PS Quality Mark Certification Scheme.

VII. EXPERTS REQUIRED :

Japanese experts required for this Project are as follows :

Field	Number	Duration
Chief Technical Adviser	1	Long Term
Quality Management	1	Short Term
Laboratory Management	2	Long Term
Electrical Testing	2 2	Long Term Short Term
Firefighting (Testing)	2	Long Term
Operation/Application of Equipment	4	Short Term
Equipment Repair & Maintenance	4	Short Term
TOTAL	18	

VIII. TRAINING OF PHILIPPINE PERSONNEL :

Training (including in Japan) of Philippine personnel are required in the following fields :

Field	Number
Certification and Quality Control	6
Laboratory Management	3
Electrical Testing	6
Firefighting Products Testing	4
TOTAL - - - - -	19

IX. EQUIPMENT NEEDED :

Listing of testing and measuring equipment for electrical and firefighting products are available upon request.

X. PREPARATION OF SITE :

The building which is around 1000 m² located at MTRC compound is ready for occupancy, however, it needs renovation to suit its usage as an electrical and firefighting testing center.

XI. PROJECT COST :

Equipment	- P50M) (Government of Japan)
)
Building & Operation Costs	- P3M) (Republic of the Philippines)
)
TOTAL - - - - -	P53M)

February 19, 1992

SUBJECT: SUMMARY OF PROJECT FOR JAPAN'S GRANT AID

1. PROJECT TITLE

ESTABLISHMENT OF SUPPORT FACILITIES FOR THE NATIONAL STANDARDIZATION AND QUALITY IMPROVEMENT PROGRAM

2. OBJECT

2.1 GENERAL OBJECTS

To upgrade the national capability for industrial standardization and quality control through the establishment of infra-structure facilities for

(1) proper and adequate testing of products to determine product conformity to national, regional, and/or international standards of quality and safety;

(2) periodic calibration, of production and quality control measuring instruments, traceable to international measurement standards and

(3) implementation of a quality management/control program

2.2 SPECIFIC OBJECTS

(1) to enable the BPS to fully implement all mandatory product standards on safety and other on other major factors affecting lives and property;

(2) to establish and/or upgrade independent product testing laboratories for the full testing, evaluation, and certification of products for conformance to mandatory standards;

(3) to establish and/ or upgrade standards laboratories through which accuracy and international traceability for the local manufacturers' measuring instruments can be obtained by periodic calibration;

(4) to provide research facilities and other resources to the BPS and ITDI to enable them to assist the industry upgrade their product quality, quality control systems, productivi-

ty, and competitiveness;

(5) to develop and train BPS and ITDI technical personnel in the testing, analysis, evaluation, standards maintenance, troubleshooting of production lines; and other related areas; for them to be able to provide continuing technical assistance to industries for the improvement of quality of their products;

(6) to provide product research and development assistance as well as quality control training services to the industry;

(7) to ensure immediate evaluation of consumer complaints regarding product utility and safety failures;

(8) to further develop facilities and personnel of BPS and ITDI toward the testing and evaluation of products for their conformance to non-mandatory standard specifications;

(9) to develop standard reference materials and test methods for dissemination to the industry and testing laboratories.

3. OUTLINE OF THE PROJECT

The Project consists of the following components for implementation:

A. Establishment and/or Upgrading Laboratories and a Institute.

(1) Establishment of new BPS Laboratory in Metro Manila, which conducts the following tasks;

a) Testing and inspection for PS Certification Mark and Import Commodity Clearance Scheme, mainly for Electric and Fire-fighting products.

b) Testing required in development of Philippine National Standards (PNS).

c) Other testing and inspection

(2) Upgrading of ITDI Laboratory in Metro Manila, which conducts the following tasks;

a) Testing and inspection service for PS Certification Mark

and Import Commodity Clearance Scheme, mainly for Chemical and Mechanical products of BPS.

- b) Calibration service to industry and testing institute.
- c) Other testing and inspection

(3) Establishment of Quality Management Institute (QMI) in Metro Manila,

which has the following functions;

- a) Research on methodologies for quality control, and dissemination of results to industry
- b) To conduct educational courses for quality control officers
- c) To promote quality control consciousness among enterprises and the general public through information dissemination and public awareness campaign
- d) Collection and dissemination of information relating to quality control and standardization in and out of the country

(4) Upgrading of Regional Testing, Inspection and Calibration Laboratories (RTIL) in Cebu, Cagayan de Oro and Davao Cities, which conduct the following functions;

- a) Testing for PS Certification Mark and Import Commodity Clearance Schemes.
- b) Testing at the request of manufactures.
- c) To provide calibration service in industrial metrology to private sector and testing institute.
- d) To provide technical information and technical assistance to private sector and testing institute
- e) To render seminar on production technology and quality control (for regional laboratories only)

B. Provision of Project-site and Buildings

(1) New BPS Laboratory

Existing building in the MIRDC compound in Bicutan, Metro Manila

1000 mm² of floor area has been secured

(2) ITDI laboratory

Existing building in the ITDI compound in Bicutan, Metro Manila

(3) QMI

same as BPS Laboratory

(4) RTIL

Existing regional office of DOST in each region

C. Provision of the following facilities by assistance from JICA

(1) Testing equipments for electric and fire-fighting which will be installed in BPS Laboratory.

(2) Testing equipments for chemical and mechanical which will be installed in ITDI laboratory

(3) Meteorological equipments for calibration which will be installed in ITDI Laboratory

(4) Testing equipments which will be installed in RTIL

(4) audio-visual equipment for QMI

(5) technical publications for each center

(6) office furniture and equipment for each Laboratory or Center

(7) Transport equipment for each Laboratory or Center

Attach the details

D. The proposed project will be implemented by cooperation between BPS(DTI) and ITDI(DOST), and coordinated through a National Coordinating Committee for Standardization and Quality Improvement composed of the following;

Director of BPS - Chairman
 Director of ITDI - Co-chairman
 Head of BPS laboratory
 Head of ITDI laboratory
 Head of QMI
 Representative from PPM
 Representative from PSQC
 Representative from PTC
 Representative from Phil. Exporters Assn.

The Committee shall have the following functions:

- a) Formulate policies and guidelines for the operation of the Laboratories and Institute
- b) Plan and program the present and future activities of the Laboratories and Institute
- c) Interact with other government

Rules for maintenance and operation of equipments shall be the followings;

- a) Equipments for testing of electronic and fire-fighting products shall be maintained and operated under supervision of BPS
- b) Equipments for testing of chemical and mechanical products and for calibration service shall be maintained and operated under supervision of ITDI
- c) Priority of use of equipments shall be given to testing and inspection for PS mark certification and ICC.

4. Cost Estimates

(1) Equipment

BPS Laboratory	About 500 million Yen
Testing equipment for Electric and Fire-fighting	
Office equipment	
Transportation equipment	
ITDI Laboratory	Several hundred million Yen

Testing equipment for Chemical and Mechanical
Meteorological equipment for Calibration
Office equipment
Transportation equipment

QMI 50 million Yen

Audio-Visual equipment for seminar
Office equipment
Transportation equipment

RTIL Several hundred million Yen

(2) Building

(local peso counterpart)

(3) Total

Grant Aid(JICA) for all Equipments million Yen

Local Counterpart for all building

Proposed implementation of the project will be in two phases
as follows:

Phase 1 - Equipment for BPS Laboratory, ITDI Laboratory and
QMI Less than 1 billion Yen

Building(local counterpart)

Phase 2 - Equipment for RTIL in Cebu, Davao and Cagayan de
Oro million Yen

Building(local counterpart)

List of Testing equipments

February 17, 1992

(1) Conditions of selection of the testing equipments and of estimating the cost

1. Cost for building is not included.
2. Testing rooms are well established.
3. Power supply is stable; it means that protection against power failure is not considered.
4. The water quality is good for use.
5. Gas is available for delivery.
6. Chemical or special gas for testing use are available.
7. The airconditioning ability of testing rooms is sufficient for testing conditions and each testing room can be controlled separately.
8. Amount of testing per year is not predicted. (*)
9. Suitable technic level and numbers of engineers or technicians are posted.
10. Listed testing equipments aim at testing of products under mandatory standards.
11. Even if it is necessary to test for implementation of PS certification scheme, hightechnical equipments are excluded.
12. It was considered that though listed test equipments do not meet for the testing of all examination items required in the standards, these are enough for time being.

Note: (*) Only one suit of testing facilities is being taking account. It means that one set of testing equipment for one test item is estimated.

(2) List of testing Equipments for electric and Fire-fighting product

A)Electric

Measurement of fundamental quantity

1.Wattmeter		
	120/240V, 0.2/1A, Class0.5,	
	120/240V, 1/5A, Class0.5	2sets
2.Watt-hour meter	250V, 14A w/recorder	1set
3.ACvoltage meter	15/30V, class0.5	
	30/75V, class0.5	
	75/150V, class0.5	
	150/300V, class0.5	
	300/750V, class0.5	5sets
4.Electrostatic voltage meter	1.5KV, class2.5	1set
5.DC voltage meter	3/10/30/100V, class0.5	1set
6.AC voltage-ammeter	30/75/150/300V, class0.5	1set
7.DC voltage-ammeter		
	50mV/3/10/100/300/1000V, class0.5	1set
8.AC ammeter	0.1/0.2/0.5/1A, class0.5	
	0.5/1/2/5A, class0.5	
	2/5/10/20A, class0.5	
	10/20/50/100A, class0.5	4sets
9.DC ammeter	10/30/100/300mA, class0.5	
	0.1/0.3/1/3A, class0.5	
	1/3/10/30A, class0.5	3sets
10.Thermocouple-type milli-ammeter		
	DC/10Hz-5Hz, 5/10/20/50mA, class0.5,	
	DC/10Hz-1MHz, 100/200/500/1000mA, class0.5	2sets
11.Thermocouple-type voltmeter		
	15/30/75/150V, class0.5	1set
12.AC meter		
	30/60/100/150/300/600V, 0.5/1/2/5A	1set
13.Precision digital multimeter	1.2 to 350V	1set
14.Digital multimeter		1set
15.Clump multimeter		
	15 to 1500A/AC, 150 to 750V/AC	1set
16.Power factor meter		1set
17.Insulation resistance meter		
	500V/DC, 0 to 100Mohm	2sets
18.Leakage current meter	2000ohm, 0.5mA	1set
19.Capacitance meter	0.5uF	1set
20.Circuit tester	0.3to1000V/DC, 3 to 700V/AC	3sets

21. Earth continuity tester	0 to 0.6ohm(10A), 0 to 0.12ohm(25A)	1set
22. Dielectric strength tester	1000V, AC/DC 10kV	2sets
23. Distortion meter		1set

Dimension and Shape

1. Long tape	100m	1set
2. Steel long tape	10m, 30m	2sets
3. Steel ruler	150mm, 600mm	2sets
4. Vernier caliper	150mm/0.02mm	2sets
5. Outside micrometer	25mm, 50mm, 75mm, 100mm	2sets
6. Inside micrometer	50mm, 75mm, 100mm, 150mm	1set
7. Digimatid indicator	0 to 12.5mm, 0.001mm, w/stand	
	0 to 12.5mm, 0.001mm, 0.785N, w/stand	2sets
8. Vernier microscope		1set
9. Digital bench micrometer	0 to 50mm, 0.001mm	1set
10. Thickness gauge	0.03mm to 0.5mm	1set
11. Lampholder gauge	G13, G5, G10g	1set
12. Starterholder gauge	Fig.1, Fig.2 Fig.3, Fig.4 (PNS42)	1set
13. Dimension gauge	Fig.2, Fig.3, Fig.4 (PNS45)	1set
14. Standard screw gauge	Fig.1 (PNS80)	1set
15. Hole gauge	Fig.4 (PNS80)	1set
16. Torque gauge	0.025, 0.1, 0.3, 0.6, 1, 1.2Nm	6sets
17. Torque driver	50kgf-cm, 20kgf-cm	2sets
18. Tension gauge	30N....., 10kinds	10sets
19. Pressure gauge	133kPa, 500kPa	2sets
20. Profile projector		1set

Measurement of Resistance

1. Wheatston bridge	100mohm to 100Mohm	2set
2. Double bridge		1set
3. Decade resistance box		
(low Z) 100mohm to 1kohm, (high Z) 100ohm to 100Mohm		2sets

Measurement of Temperature

1. Thermometer	100 °C	1set
2. Pocket thermometer	-50 to 600°C	1set
3. Digital thermometer		1set
4. Thermal recorder	30 points	2sets

Chamber for environment test

- 1. Temperature humidity chamber
20+/-10°C, 65+/-15% 1set
- 2. Temperature chamber 250°C 1set
- 3. Low temperature chamber -5+/-3°C 1set

Power supply

- 1. AC single phase voltage regulator 10kVA 1sets
- 2. AC three phase voltage regulator 1set
- 3. DC power supply
CV/CC, 0 to 35V, 0 to 50A,
CV/CC, 0 to 35V, 0 to 5A 2sets
- 4. Voltage slider 1kVA, 2kVA, single phase 2sets
- 5. Variable power source 200 +/-15% 1set
- 6. Frequency variable power source 300Hz, 10kVA 1set

Photometry

- 1. Photometric integrated sphere
2m w/photo receiver 1set
- 2. Photometric measuring system
0.01 to 99000 ft.lx 1set
- 3. Flux meter 1set
- 4. Standard lamp
for flux(3), for intensity(3), for color temperature(3) 9sets
- 5. Reference fluorescent lamp 10, 20, 40W 24sets
- 6. Reference ballast 10, 20, 40W(PNS12) 6sets

Measurement of Frequency

- 1. Oscilloscope 1set
- 2. Storage oscilloscope DC to 30MHz 1set
- 3. Frequency meter
20 to 100Hz, class 1.0,
100 to 300Hz, class 0.5,
300 to 500Hz, class 0.5 3sets

Auxiliary tool

- 1. Safety tool kit 2sets
- 2. Stopwatch 1set

Endurance testing

- 1. Endurance tester for lampholder and starterholder
100times, 12samples 1set
- 2. Endurance tester for switches

witching apparatus, switch box, load (R,L)		1set
3. Door endurance tester for washing machine		1set
4. Cord bending tester		1set
5. Cord reeling tester		1set
6. Tilt tester		1set
7. Tumbling barrel	Fig.5 (PNS45)	1set
8. Hose bending tester		1set
9. Endurance test rack for incandescent lamp		1set
	12samples	
10. Endurance test rack for fluorescent lamp		1set
	12samples, w/test circuit	
11. Life test rack for fluorescent lamp	30samples	1set

Mechanical testing

1. Impact hammer	0.35Nm, 0.5Nm	1set
2. Drop proof testing equipment	3mm/min, 2m	1set
3. Torsion test apparatus	1.2Nm	1set
4. Holder for torsion test	Annex H (PNS02)	1set
5. Flattening test equipment	ASTM D2241	1set
6. Bending test equipment	Fig.13 (PNS80)	1set
7. Pressure test apparatus	Fig.10 (PNS80)	1set
8. Pencil lead scratch test apparatus		1set
	JISK5400, JISK5401	
9. Adhesion resistance test apparatus		1set
	JISC3003 Fig.8	
10. Abrasion resistance test apparatus		1set
	JISC3003 Fig.2	

Testing equipment for electric materials

1. Tracking resistance tester		1set
2. Ball pressure tester		1set
3. Glow wire test apparatus	650°C	1set
4. Needle flame test apparatus	0.5mm ²	1set
5. Hot mandrel test apparatus	Fig.18 (PNS80)	1set
6. Arc tracking test apparatus	3samples	1set
7. Heat distortion test apparatus (Vicat)	300°C	1set

Others

1. Artificial raindrop test apparatus	3mm/min 2m	1set
2. Rain test apparatus	Fig.C1 (PNS42) IEC-type	1set
3. Jet spray test apparatus	12.5mm dia.	1set
4. Salt spray tester		1set
5. Dust chamber	Fig.C2 (PNS42)	1set

B) Fire fighting

Basic and Common

1. Table center	w/sink	1set
2. Fume hood	w/scrubber	2sets
3. Cabinet		2sets
4. Storage cabinet		2sets
5. Drying oven	for glassware	1set
6. Glassware		1set
7. Muffle furnace	1000°C	1set
8. Hot plate		1set
9. Water purifier	1 to 2 L/min	1set
10. Water distilling apparatus		1set
11. Aspirator		1set
12. Sieve	150µm, 50µm	2sets
13. Sieve vibrator		1set

Dimension

1. Steel long tape	10m, 20m	2sets
2. Long tape	100m, 300m	2sets
3. Steel ruler	150mm, 600mm	2sets
4. Vernier caliper	150mm/0.02mm, 1000mm/0.05mm	2sets
5. Outside micrometer	25mm, 50mm, 75mm, 100mm	1set
6. Inside micrometer	50mm, 75mm, 100mm, 150mm	1set
7. Thread gauge	M20, M27 (PNS15 Table 6, 7)	1set

Environment testing

1. Water pump	100kgf/cm ²	1set
2. Pressure gauge	10, 50, 100, 500, 1000kgf/cm ²	10sets
3. Temperature chamber	70°C	1set
4. Temperature humidity chamber	30°C, 95%	1set

Mass measuring

1. Balance	180g/0.1mg, 300g/1mg, 3000g/10mg, 60kg/10g	4sets
2. Balance table		3sets

Analyzer

1. Gas chromatograph	w/gas analyzer	1set
2. X-ray spectrophotometer	C, Mn, Si, S, P	1set
3. Spectrophotometer	200 to 1100nm	1set
4. Atomic absorption spectrophotometer		1set

Test piece preparing apparatus

1. Shaper	w/accessories	1set
2. Milling machine	w/accessories	1set
3. Drilling machine	w/accessories	1set
4. Grinder	w/accessories	1set
5. Vice	w/accessories	1set
6. Hack sawing machine	w/accessories	1set
7. File	w/accessories	1set
8. Polisher	w/accessories	1set
9. Band scroll saw	w/accessories	1set
10. Lathe	w/accessories	1set

Mechanical testing

1. Sharp impact tester	30kgf-m	1set
2. Izot impact tester	10kgf-m	1set
3. Brinell hardness tester	500 to 3000kg	1set
4. Brinell hardness standard	140 to 183 HB	1set
5. Drop testing apparatus	15mm, 1Hz	1set
6. Universal testing machine	50T	1set
7. Adhesion tester	25mm/min, 5.4kg	1set
8. Autograph	500kg	1set

Others

1. Stopwatch		3sets
2. Moisture meter	7 to 35%	1set
3. Oil bath	121°C, w/thermal control	1set
4. Accelerated aging test apparatus	oxygen pressure: 2MPa, 70°C	1set

(3) List of testing Equipments for Chemical and Mechanical products

Dimension and Shape

1. Long tape	100m	1set
2. Steel long tape	10m, 30m	2sets
3. Steel ruler	150mm, 600mm	2sets
4. Vernier caliper	150mm/0.02mm, 1000mm/0.05mm	2sets
5. Outside micrometer	25mm, 50mm, 75mm, 100mm	2sets
6. Inside micrometer	50mm, 75mm, 100mm, 150mm	1set
8. Vernier microscope		1set
9. Thread gauge	M20, M27	1set
11. Thickness gauge	0.03mm to 0.5mm	1set
12. Torque gauge	0.025, 0.1, 0.3, 0.6, 1, 1.2Nm	6sets
13. Torque driver	50kgf-cm, 20kgf-cm	2sets
14. Tension gauge	30N....., 10kinds	10sets
15. Distortion meter		1set
16. Profile projector		1set

Mass measuring

1. Balance	180g/0.1mg, 300g/1mg, 3000g/10mg, 60kg/10g	4sets
2. Balance table		3sets

Temperature

1. Thermometer	100 °C	1set
2. Pocket thermometer	-50 to 600°C	1set
3. Digital thermometer		1set
4. Thermal recorder	30 points	2sets

Chamber

1. Temperature humidity chamber	30°C/95%, 20+/-10°C, 65+/-15%	2sets
2. Temperature chamber	70°C, 250°C	2sets
3. Low temperature chamber	-5+/-3°C	1set
4. Moisture meter	7 to 35%	1set

Tool

1. Safety tool kit		2sets
2. Stopwatch		2sets

Mechanical testing

1. Sharpy impact tester	30kgf-m	1set
2. Izot impact tester	10kgf-m	1set
3. Brinell hardness tester	500 to 3000kg	1set
4. Brinell hardness standard	140 to 183 HB	1set
5. Vickers hardness tester		1set
6. Drop testing apparatus	15mm, 1Hz	1set
7. Universal testing machine	50T	1set
8. Adhesion tester	25mm/min, 5.4kg	1set
9. Autograph	500kg	1set
10. Vibration tester		1set
11. Friction testing machine		1set

Water supply

1. Water Pump		1set
2. High temperature water pump		1set
3. Pressure gauge	10, 50, 100, 500, 1000kgf/cm ²	10sets
4. Water bath	50 to 65°C thermal control, 1m*1m*1m	1set

Basic and Common for chemical testing

1. Table center	w/sink	1set
2. Fume hood	w/scrubber	2sets
3. Cabinet		2sets
4. Storage cabinet		2sets
5. Drying oven	for glassware	1set
6. Glassware		1set
7. Muffle furnace	1000°C	1set
8. Hot plate		1set
9. Water purifier	1 to 2 L/min	1set
10. Water distilling apparatus		1set
11. Aspirator		1set
12. Sieve	150um, 50um	2sets
13. Sieve vibrator		1set
14. pH meter		2sets
15. Bunsen burner		5sets

Analyzer

1. Gas chromatograph	w/gas analyzer	1set
2. X-ray spectrophotometer	C, Mn, Si, S, P	1set
3. Spectrophotometer	200 to 1100-m	1set
4. Atomic absorption spectrophotometer		1set

Test piece preparing apparatus

1. Shaper	w/accessories	1set
-----------	---------------	------

2. Milling machine	w/accessories	1set
3. Drilling machine	w/accessories	1set
4. Grinder	w/accessories	1set
5. Vice	w/accessories	1set
6. Hack sawing machine	w/accessories	1set
7. File	w/accessories	1set
8. Polisher	w/accessories	1set
9. Band scroll saw	w/accessories	1set
10. Lathe	w/accessories	1set

Others

1. Artificial raindrop test apparatus	3mm/min 2m	1set
2. Salt spray tester		1set
3. Oil bath	121°C, w/thermal control	1set
4. Accelerated aging test apparatus	oxygen pressure: 2MPa, 70°C	1set

(4) List of Metrological equipments for calibration

Lengths

1. Standard scale	1set
2. Comparator for scale	1set
3. Gauge blocks	1set
4. Electronic micrometer	1set
5. Caliper checker	3sets

Mass

1. Standard weight	1set
2. Precision balance	1set
3. Direct reading balance	1set
4. Balance table	1set

Volume

1. Standard flask	1set
2. Standard pipette	1set
3. Standard burette	1set
4. Standard tank	1set

Force

1. Standard proving ring	1set
2. Load cell	1set

Pressure

1. Deadweight piston gauge	1set
2. Liquid column pressure gauge	1set

Temperature

1. Comparative calibration equipment	1set
2. Thermocouple/resistance auto calibration system	1set
3. Saltpeter bath	1set

Photometry

1. Standard radiant detector	1set
2. Spectral radiometer	1set
3. Flux meter	1set
4. Photometric bench	1set
5. Standard lamp	1set

Electrical

(1) DC voltage and current

1. Standard cell	1set
------------------	------

2.Voltage standard	1set
3.Differential voltmeter	1set
(2)AC voltage and current	
1.AC/DC comparator	1set
2.AC standard voltage source	1set
(3)Resistance	
1.Standard resistance	1set
2.Oil bath	1set
3.D.C.C.B.	1set
4.Extender	1set
5.High resistance measuring set	1set
6.Resistance transfer standard	1set
7.Variable resistor	1set
(4)Electrical power	
1.AC/DC power comparator	1set
2.Measuring set for power meter power source	1set
3.Digital power meter	1set
(5)Capacitance	
1.Standard capacitance	1set
2.Digital LCR meter	1set

JICA