

**IMPLEMENTING GUIDELINES FOR PNS 26:1992  
PHILIPPINE NATIONAL STANDARD on SPECIFICATION for Black and Hot Dipped Zinc  
Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses**

Pursuant to Republic Act 4109, Republic Act 7394, Executive Order No. 913 series of 1983, Executive Order No. 101 series of 1967, Department Administrative Order No. 1 series of 1997, Department Administrative Order No. 9 series of 1990 and its future amendments, and PNS 26:1992- Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses-Specifications, this guideline is hereby issued for the information and guidance of all concerned and for compliance of all manufacturers, wholesalers, dealers, retailers and all other stakeholders of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.

**1 SCOPE**

These guidelines specify the rules and regulations in the implementation of PNS 26:1992, relative to the certification of conformity of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.

**2 DEFINITIONS**

For the purpose of this guideline the following definition shall apply:

- 2.1 BPS – Bureau of Product Standards
- 2.2 Director – Director of BPS
- 2.3 DTI – Department of Trade and Industry
- 2.4 Philippine Standard (PS) Certification Mark License – The certification document attesting that the manufacturer is complying with the relevant standards and thus authorizes such manufacturer to use the PS Quality Mark on its product.
- 2.5 Manufacturer – an entity engaged in the manufacture of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.
- 2.6 Wholesaler - an entity engaged in the bulk sale of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.
- 2.7 Dealer/Retailer – an entity engaged in the sale of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.
- 2.8 Product – means specifically Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.

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2.9 Standard – the technical document referred to in Clause 1 specifying the physical, chemical, and/or other requirements that a product must meet to ensure quality, safety and reliability.

2.10 PS Quality Certification Mark – The mark of conformity attesting that the product complies with the requirements of the standard.

2.11 PS Mark Licensee – a manufacturer of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses that has been granted the Philippine Standard (PS) Certification Mark License.

### 3 APPLICATION FOR PS CERTIFICATION MARK LICENSE

3.1 Manufacturers of Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses shall apply with BPS through the DTI Regional or Provincial Offices for the license to use the Philippine Standard (PS) Quality Certification Mark.

### 4 ISSUANCE OF LICENSE TO USE THE PS QUALITY CERTIFICATION MARK

4.1 The license to use of the Philippine Standard (PS) Quality Certification Mark shall be granted by the BPS to the manufacturers capable of producing Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses conforming to the requirements of PNS 26:1992. Terms and conditions of the license shall be governed by the Department Administrative Order No. 1:1997 – Revised Rules and Regulations Concerning the Philippine Standard (PS) Quality Certification Mark Scheme and its future amendments and revisions.

### 5 AUTHORITIES AND RESPONSIBILITIES OF THE DTI

5.1 In addition to the duties specified in DAO 1, Series of 1997, BPS shall:

5.1.1 Inform the licensees of any changes in the standard.

5.1.2 Maintain and disseminate a registry of PS mark licensees for Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses.

5.1.3 Coordinate with the DTI Regional/Provincial Offices in the implementation of these guidelines, especially in the conduct of factory and product audits relative to the BPS' product certification mark schemes.

5.1.4 Conduct final evaluation of all factory and product assessment reports and other relevant recommendations of the DTI Regional/Provincial Offices.

5.1.5 Issue, deny, or revoke licenses based on findings under clause 5.1.4.

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- 5.1.6 Coordinate with DTI Regional or Provincial Offices and the DTI Office of Legal Affairs in identifying and implementing appropriate legal action against manufacturers violating the above-stated laws, rules and regulations, department administrative orders, these guidelines, the requirements of the specific standard, its implementing memoranda and circular.

**5.2 DTI Regional/Provincial Offices**

- 5.2.1 Conduct factory and product assessments of companies applying for PS Certification Mark License.
- 5.2.2 Conduct market monitoring and enforcement of Standard.
- 5.2.3 Take legal action against violators of the Standard.

**6 FACTORY/PLANT ASSESSMENT**

- 6.1 After filing the duly accomplished application form, the applicant for PS Certification shall be informed by the BPS of the schedule of the assessment.
- 6.2 DTI/BPS duly authorized representative(s) shall inspect the applicant's factory/plant with the aim of ascertaining:
- 6.2.1 The Quality Management System of the applicant company is aligned to the applicable ISO 9000 series of standards.
- 6.2.2 If the finished product under existing conditions conforms to the requirements of the standard (see clause 7).
- 6.3 Minimum Requirements for Testing and Measuring Equipment:
- 6.3.1 Physical and Mechanical Testing
- 6.3.1.1 Calipers
- 6.3.1.2 Steel Rule
- 6.3.1.3 Bend Tester
- 6.3.1.4 Weighing Scale
- 6.3.1.5 Hydraulic Testing Apparatus
- 6.3.1.6 Mass of Zinc Coating Test Apparatus
- 6.4 The company shall have a program of calibration and maintenance of testing and measuring instruments.

**7 PRODUCT ASSESSMENT**

- 7.1 End product – The product shall conform to the following requirements of PNS 26:1992.
- 7.1.1 Mass of Zinc Coating
- 7.1.2 Hydraulic Test

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- 7.1.3 Bend Test
- 7.1.4 Flattening Test
- 7.1.5 Dimensions
- 7.1.6 Mass

7.2 Marking - shall be in accordance with PNS 26:1992:

## 8 SAMPLING

8.1 Sampling shall be in accordance with clause 6 of PNS 26:1992.

## 9 TESTING AND DISPOSAL OF SAMPLE

9.1 The official testing laboratory for all Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses samples shall be the BPSTC or MIRDC.

9.2 Test method / procedure - General test requirements shall be in accordance with PNS 26:1992.

9.3 All test results shall be held strictly confidential by the BPS. Copies furnished to the Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses manufacturers are for their confidential information only.

9.4 After the unit has been tested, it shall be returned to the manufacturers. The disposal of the tested product shall be in accordance with the Department Administrative Order (DAO) No. 5, series of 1996, "Guidelines for the return and disposal of DTI-BPS tested samples".

## 10 COMPLIANCE AND RESPONSIBILITIES OF THE LICENSEE

### 10.1 Compliance

When the results of factory and/or product assessments show conformity to the requirements specified in these guidelines:

- PS Safety Certification Mark license will be issued to the manufacturer for the type/grade/size tested.

### 10.2 Responsibilities of the PS License

10.2.1 Every licensee shall ensure that the product, for which the license has been issued, conforms at all times with the requirements of PNS 26:1992. For this purpose, he shall maintain to the satisfaction of the BPS, a system of quality control including inspection and testing.

10.2.2 Mention or an indication must be made in advertisements and other promotional materials of the License that Black and Hot Dipped Zinc

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Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses are certified under the BPS' Philippine Standard Quality Certification Mark Scheme.

10.2.3 The licensee shall maintain at least three years the complete records of such system of control, including inspection and testing, for the purpose of establishing, to the satisfaction of the BPS, that such system of control is being consistently maintained in accordance with the minimum "Scheme of Supervision and Control". All records shall be made available for evaluation by the BPS' duly authorized representative on demand.

10.2.4 The licensee shall pay all costs of testing and certification.

10.2.5 The licensee shall affix to all its certified Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses the PS Quality Certification Mark.

**11 NON-COMPLIANCE**

11.1 If after testing by the BPSTC or MIRDC, the first sample fails; another sample from the same lot shall be tested. If upon testing, the second sample complies with the standard, the lot shall be declared as conforming to the requirements of the standard.

11.2 If in the determination of the BPS, both tests failed to conform to the requirements of the standard the manufacturer will be advised by the BPS to undertake remedial measures. Only after reassessment and subsequent product compliance shall the manufacturer be allowed by BPS to market his product.

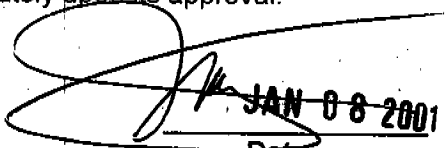
**12 MONITORING**

12.1 BPS/DTI Regional and Provincial Offices shall at any time monitor and inspect Black and Hot Dipped Zinc Coated (Galvanized) Longitudinally Welded Steel Pipes For Ordinary Uses in the market for conformance with the requirements of PNS 26:1992. If the products are found not conforming to the standard, DTI/BPS shall make appropriate action or impose the necessary legal actions in accordance with the relevant laws, rules and regulations.

**13 EFFECTIVITY**

13.1 This guideline shall take effect immediately upon its approval.

JESUS L. MOTOOMULL  
Director

  
JAN 08 2001  
Date

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