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September 30, 2024

PISI MARKET TEST BUY REPORT CONDUCTED ON SEPTEMBER 9-12, 2024 IN R11, DAVAO REGION, BARMM, ZAMBOANGA PENINSULA AND NORTHERN MINDANAO

Introduction:

The Philippine Iron & Steel Institute (PISI) team conducted random market test buys on September 9-12 in some areas of Davao del Sur, Samal Island, Davao del Norte, Cotabato City, Maguindanao, Lanao del Sur, Pagadian City, Zamboanga del Norte, Lanao del Norte and Iligan City. Twenty-seven (27) samples were purchased from fourteen (14) hardware stores.

Based from the initial tensile test, twelve (12) samples failed to meet the minimum standard requirements for mass variation and elongation of PNS49:2020. In this regard, a confirmatory 3rd- party test was conducted at the Bureau of Philippine Standards (BPS) Testing Laboratory in CMDC Compound, Carlos Trinidad Avenue, Salawag, Dasmariñas, Cavite. Below are the stores found to be in violation of PNS 49:2020;

- The **KLM ENTERPRISE** in Bliss Marber, Bansalan, Davao del Sur **sold a substandard 10mm/grade 230R deformed bar with an embossed logo and marking DMS 10 230 from Davao Mighty Steel failed to meet the minimum requirement for mass variation, (MV = -7%).** (Attached test result is marked as A-1 to A-6 and receipt is marked as A-7).
- The **A & V CONSTRUCTION MATERIALS TRADING** in Bacayawan 9300 Malabang, Lanao del Sur **sold a substandard 10mm/grade 280R deformed bar with an embossed logo and marking KH 10 3 from Keim Hing Steel and 12mm/grade 230R with embossed logo and marking SJ 12 2 from Philippine Sanjia Steel that both failed to meet the minimum requirement for mass variation, (MV of 10mm = -7% and 12mm = -7%).** (Attached test result is marked as B-1 to B-12 and receipt is marked as B-13).
- The **D NINE D BUILDERS AND ELECTRICAL SUPPLY** in 366 National Hi-way, 7101 Polo, Dapitan City, Zamboanga del Norte **sold a substandard 10mm & 12mm, both grade 280R deformed bar with an embossed logo and marking KH 10 3 & KH 12 3 from Keim Hing Steel failed to meet the minimum requirement for mass variation, (MV for 10 & 12mm, both @ -**

7%). (Attached test result is marked as C-1 to C-12 and receipt is marked as C-13).

- The **STONEFIRE HARDWARE & CONSTRUCTION SUPPLIES** in Obay, Polanco, Zamboanga del Norte **sold a substandard 12mm/grade 280R deformed bar with an embossed logo and marking KH 12 3 from Keim Hing Steel failed to meet the minimum requirement for mass variation, (MV = -7%).** (Attached test result is marked as D-1 to D-6 and receipt is marked as D-7).
- The **FORCAS HARDWARE ENTERPRISES INC.** in Poblacion 9214 Kapatagan, Lanao del Norte **sold a substandard 10mm/grade 280R deformed bar with an embossed logo and marking KH 10 3 from Keim Hing Steel failed to meet the minimum requirement for mass variation, (MV = -9%).** (Attached test result is marked as E-1 to E-6 and receipt is marked as E-7).
- The **JONEFF MERCANTILE CORP.** in Purok 13 National Highway, Tomas Cabili, Iligan City **sold a substandard 10mm/grade 280R deformed bar with an embossed logo and marking KH 10 3 from Keim Hing Steel failed to meet the minimum requirement for elongation and mass variation, (E = 10% and MV = -8%).** The store also sold a substandard 12mm/grade 280R deformed bar with an embossed logo and marking KH 12 3 from Keim Hing Steel failed to meet the minimum requirement for mass variation, (MV = -10%). (Attached test result is marked as F-1 to F-12 and receipt is marked as F-13).

Table 1-Summary:

Name of Hardware	Logo and marking	Name of Manufacturer	Results	Remarks
KLM ENTERPRISE	DMS 10 230	DAVAO MIGHTY STEEL	MV = -7%	UNDERWEIGHT
A & V CONSTRUCTION MATERIALS TRADING	KH 10 3 SJ 12 2	KEIM HING PHIL. SANJIA	MV = -7% MV = -7%	UNDERWEIGHT UNDERWEIGHT
D NINE D BUILDERS AND ELEC'L SUPPLY	KH 10 3 KH 12 3	KEIM HING KEIM HING	MV = -7% MV = -7%	UNDERWEIGHT UNDERWEIGHT
STONEFIRE HARDWARE & CONST. SUPPLIES	KH 12 3	KEIM HING	MV = -7%	UNDERWEIGHT
FORCAS HARDWARE ENTERPRISES INC.	KH 10 3	KEIM HING	MV = -9%	UNDERWEIGHT
JONEFF MERCANTILE CORP.	KH 10 3	KEIM HING	E = 10% MV = -8%	LOW ELONGATION UNDERWEIGHT
JONEFF MERCANTILE CORP.	KH 12 3	KEIM HING	MV = -10%	UNDERWEIGHT

Concluding Remarks:

We would like to call the attention of DTI Regional and Provincial Standards Enforcers to verify the information by PISI.

The substandard rebars are unsafe to use wherein the burden and great effect would be from the end users and/or consumers that will use the substandard rebars without their due knowledge. Therefore, the fraudulent selling of substandard rebars will compromise the safety of the buying public.

Recommendations:

The PISI would like to offer its services and create a partnership with DTI in order to stop the deceitful selling practice of some hardware stores and prevent the proliferation of substandard reinforcing steel bars in the market.

1. DTI-ROG, DTI-CPG and DTI-FTG conduct a nationwide market monitoring and standards enforcement campaign.
2. DTI market monitoring teams conduct an actual weighing and measuring of bars to determine conformance to PNS 49:2020 and PNS211:2002, in addition to checking of logos and markings.
3. File cases against hardware store owners and local manufacturers found to be in violation of DTI product standard laws and unfair trade practices act.

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