



TECHNOLOGY COUNTRY REPORT 2022_Philippines



**Philippine Iron and Steel Institute
November 15, 2022**

Company:	SteelAsia Manufacturing Corporation
Total steel production:	2.0 million tpy
Describe briefly the product range and quantities covered:	Rebars
Planned top 3 projects (on benefit or value) for the coming years:	
Important plant or equipment start-up commissioning, or de-commissioning:	<p><u>0.8M tpy Rebar Mill in Compostela, Cebu</u></p> <ul style="list-style-type: none"> - Planned commissioning in 2023 - Largest rolling mill in the country - Fully automated roll stand quick change system <p><u>0.5M tpy Medium Section Mini-mill in Lemery, Batangas</u></p> <ul style="list-style-type: none"> - Planned commissioning in 2024 - First scrap preheating EAF and medium section mill in the country - Will produce green steel with 100% recycling and lowest emission - Capable of producing H-beams/I-beams, channels, angles, etc. <p><u>0.6M tpy Heavy Section Mini-mill in Lemery, Batangas</u></p> <ul style="list-style-type: none"> - Planned commissioning in 2025 - First beam blank caster and heavy section mill in the country - Capable of producing sheet piles, heavy beams/angles, etc.
Any New Products/ Patents/Processes implemented?	Grade 520 (75) and 550 (80) Rebars (Philippine National Standards PNS 49:2020)

SAMC TOP 3 PLANNED PROJECTS:

1. 0.8M TPY REBAR MILL

- located in Compostela, Cebu
- largest rolling mill in the country
- fully automated roll stand quick change system
- planned commissioning in 2023



2. 0.5M TPY MEDIUM SECTION MINI-MILL

- located in Lemery, Batangas
- first scrap preheating EAF and medium section mill in the country
- will produce green steel with 100% recycling and lowest emission
- capable of producing H-beams and I-beams, channels, angles, etc.
- planned commissioning in 2024



3. 0.6M TPY HEAVY SECTION MINI-MILL

- located in Lemery, Batangas
- first beam blank caster and heavy section mill in the country
- capable of producing sheet piles, heavy beams/angles, etc.
- planned commissioning in 2025



NEW PRODUCT SPECIFICATIONS:

- 2 additional steel grades were developed
- adopted within the PNS 49:2020
- aligned with ASTM A615 and A706 references



PHILIPPINE NATIONAL STANDARD

PNS 49:2020
ICS 77.140.15; 77.140.60

Steel bars for concrete reinforcement – Specification



BUREAU OF PHILIPPINE STANDARDS (BPS)

Member to the

- International Organization for Standardization (ISO)
- International Electrotechnical Commission (IEC)

Standards and Conformance Portal: www.bps.dti.gov.ph

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TECHNOLOGY ON ENERGY EFFICIENCY:

- to develop a new solar energy project at SAMC Meycauayan Works



Thank you!