

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:	 <u>0.8M tov Rebar Mill in Compostela, Cebu</u> Planned commissioning in 2023 Largest rolling mill in the country Fully automated roll stand quick change system <u>0.5M tov Medium Section Mini-mill in Lemerv, Batangas</u> 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. <u>0.6M tov Heavy Section Mini-mill in Lemerv, Batangas</u> 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:

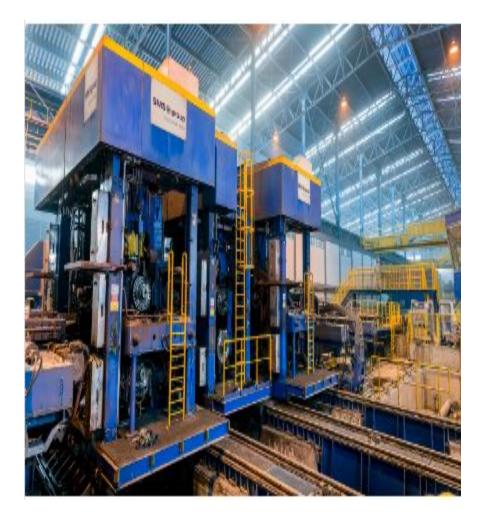
1. 0.8M TPY REBAR MILL

- 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 in2024



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 in2025



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 STANDARD BUREAU OF PHILIPPINE STANDARDS (BPS) tember to the International Organization for Standardization (ISO) International Electrotechnical Commission (IEC) TRADE & INDUSTR Standards and Conformance Portal: www.bps.dti.gov.pl EXCLUSIVE USE OF STEELASIA MANUFACTURING, 2021-00684 COPYING AND SHARING ARE PROHIBITED

TECHNOLOGY ON ENERGY EFFICIENCY:

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



Thank you!