



AF STAR
steel for a solid future

STAINLESS STEEL TMT REBARS

Increased corrosion
resistance & durability





MS AGARWAL FOUNDRIES PVT. LTD.

PURPOSE

We exist to deliver Value to our Stakeholders in Building a Safe & Strong Nation and make the World a better place.

VISION

We shall be outstanding and trustworthy with our steel product quality and services in the market we serve.

MISSION

We shall achieve
1.2 MTPA by 2026-27



VALUES

Customer Centricity
Result Oriented
Entrepreneurship
Integrity
Empathy
Humility
Sustainability



ABOUT MS AGARWAL FOUNDRIES



For decades, MS Agarwal Foundries (MSAF) has been consistently pioneering the production of high quality steel products that serve diverse customer needs. MSAF has built a distinct reputation for adopting benchmark, research driven manufacturing practices, well entrenched organizational values that ensure ideal practices, a purpose driven performance and penchant to constantly evolve and excel. All these have transformed MSAF into a leading main steel producer in the country that serves a multitude of business streams and organizations, from both public and private sectors

MSAF also operates a sophisticated material testing laboratory that ensures and certifies the quality of the products. It operates a DRI unit, Maruti Ispat & Energy Pvt. Ltd., in Mantralayam in Kurnool district, Andhra Pradesh, and an SMS unit with continuous billet casting, along with its sophisticated rolling mill.

MSAF is driven by a legion of enthusiastic and efficient performers whose commitment and efficiency power production, customer servicing, and business development.

Founded in 2005 and headquartered in Hyderabad, MSAF continuously added strength to its efforts, and wings to its vision. Today, it operates state of the art integrated steel plants at strategic location, one at Medak, Telangana state, near Hyderabad, while the second plant is located in Naidupeta, Nellore district in the state of Andhra Pradesh. Together, the plants manufacture virgin steel under the brand names, AF STAR & MS Life.

AF STAR TMT 600 SS



ABOUT AF STAR

AF STAR TMT 600 SS

For over years, AF STAR has been consistently pioneering the production of high quality steel products that serve diverse customer needs across the country. Embracing best manufacturing practices and driven by innovative and sustainable solutions, AF STAR has built a distinct reputation of guaranteeing durability, robustness, and diversity across the product range.

AF STAR is a premium class steel products brand coming from Hyderabad based steel producing giant, MS Agarwal Foundries (MSAF). With an enviable track record of producing top notch steel products, MSAF is trusted by top government bodies and institutions, and construction and infrastructure companies.

AF STAR features an exhaustive range, from TMT bars to billets, rounds to cut and bend. AF STAR conforms to international standards in durability and quality, offering corrosion resistance, and cost efficiency through less wastage.



STAINLESS STEEL TMT REBARS



FUTURE PERFECT & INNOVATION DRIVEN

For decades, MS Agarwal Foundries (MSAF) has been steadily pioneering the production of high-quality steel products, in a distinct range, through its flagship brand - AF STAR . Rising high with the famed 550 D range of TMT Bars that have been structurally defining several infra projects of the nation, today our AF STAR stainless steel Rebars are all set to redefine structural performance and corrosion resistance in harsher environments.

LATEST IN THE ARRAY

AF STAR Stainless Steel TMT Rebars is the latest addition to the AF STAR array that is unmatched in its tensile strength and perfection in appearance, ideally suited for critical industrial and construction applications.

AF STAR TMT Rebars are manufactured at our world-class production facilities that adhere to global standards and surpass international benchmarks on the production, safety and quality fronts.

Complementing the broad range that caters to the steel requirements of critical and complex infra projects across the country, AF STAR SS TMT Rebars deliver the vital edge and exposure in the existing and newer markets.

PRODUCTS


SS500
SS 550
SS 600



ADVANTAGES



Excellent durability, fire resistance and structural performance



Exceptional corrosion resistance in harsh marine environments, resisting chlorides and pitting corrosion



Minimal maintenance costs & therefore less disruption of service for refurbishment or replacement.



Easy to cut and bend, good weldability



Extended service life and reduced life cycle costs

SPECIFICATIONS



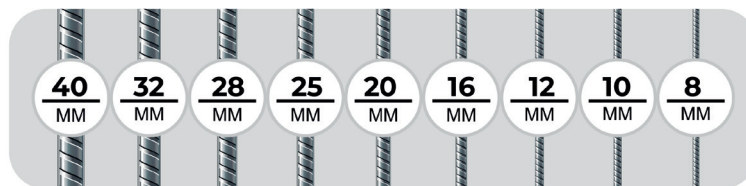
MECHANICAL PROPERTIES OF SS 410L AS PER BIS 16651 WITH LATEST AMENDMENTS

Grade Types	0.2 percent proof stress, Min, N/mm ²	Tensile strength Mpa
SS 500	500	565
SS 550	550	600
SS 600	600	660

CHEMICAL COMPOSITION OF SS 410L (G FERRITIC) AS PER BIS 16651 WITH LATEST AMENDMENTS

Chemical	C	Ni	Mn	Si	P	S	Cu	Cr	N
Min%	-	0.0	-	-	-	-	-	11	-
Max%	0.03	0.60	1.0	1.0	0.040	0.030	-	13.50	-

AVAILABLE SIZES



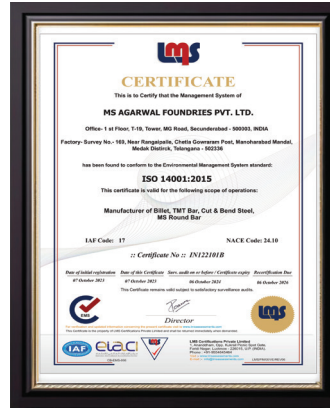
UNIT WEIGHT OF STEEL BARS

Nominal Diameter (mm)	Nominal Mass/M (kg/m)	Nominal Sectional Area (mm ²)
08	0.389	50.3
10	0.608	78.5
12	0.876	113.1
16	1.555	201.1
20	2.430	314.2
25	3.797	490.9
32	6.222	804.2

CERTIFICATIONS

AF STAR TMT 600 SS

NABL & ISO



BUREAU OF INDIAN STANDARDS 16651 : 2017

SCHEDULE
लाइसेंस सं. सीएम/एल
LICENCE NO. CM/L - 5600082308

नाम : एम एस अग्रवाल फाउंड्रीज प्राइवेट लिमिटेड
फैक्ट्री एड्रेस : ड्र.नो.५-१२, तलवय्यट्ट, पेनेपल्ली विलेज, नयुदुपेट, स्प्रस नेल्लोरे, अन्ध्र प्रदेश, नयुदुपेट
विधिमाम्यता : उन्नीस दिसम्बर दो हजार तेइस से अट्ठाहस दिसम्बर दो हजार चौबीस
Name : Ms Agarwal Foundries Pvt.Ltd.
Factory Address : Dr.No.5-12, Talvayyapadu ,Pennepalli Village ,Nayudupeta ,SPSR Nellore , Andhra Pradesh , NAYUDUPETA , - 524126, Andhra Pradesh, India
Validity : From Twenty Ninth December Two Thousand Twenty Three to Twenty Eighth December Two Thousand Twenty Four

मानक चिह्न STANDARD MARK	भारतीय मानक INDIAN STANDARD(S)	अनुमति का विषय क्षेत्र SCOPE OF LICENCE	चिह्निकन शुल्क MARKING FEE
(1)	(2)	(3)	(4)
IS 16651 CML- 6600082308	IS 16651 : 2017 HIGH STRENGTH DEFORMED STAINLESS STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT - SPECIFICATION	Strength grade- S500, S550 and S5600 Steel Designation Number - G Nominal size- 8mm	एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरिकन फीस ₹ 78000.00 के साथ सभी इकाईयों के लिए ₹ 6.20 प्रति टन। इकाई : 1 TON ₹ 6.20 per unit for all units with a Minimum Marking Fee of ₹ 78000.00 during an operative period of one year Unit: 1 TON एक प्रचालन वर्ष के लिए न्यूनतम चिह्निकन शुल्क आगम में देय होगी जो अगले नवीकरण में अद्यतित होगी। Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s)

अज्ञ उन्नीस दिसम्बर दो हजार तेइस को हस्ताक्षरित तथा मोहरबंद किया गया।
Signed, Sealed and Dated this Twenty Ninth December Two Thousand Twenty Three.

कुछे भारतीय मानक ब्यूरो
for BUREAU OF INDIAN STANDARDS
हस्ताक्षर/Signature : Thammadi Srinatha
पदनामित प्राधिकारी का नाम/Name of Designated Authority : SCIENTIST & HEAD

AF STAR TMT 600 SS

Great
Place
To
Work®

Certified

JAN 2024-JAN 2025
INDIA

AF STAR

TMT

550D



MS AGARWAL FOUNDRIES PVT. LTD.

1ST Floor, T19 Towers, MG Road, Secunderabad, Telangana - 500 003 +91 040 27232000 +91 7331110039

Works:

Unit - 1: Survey No. 169, Near Rangaipalle, Chetla Gowraram Post, Manoharabad Mandal, Medak Dist. Telangana - 502 336

Unit - 2: Door No. 5-12, Pennepalli Village, Pellakuru Mandal, Naidupeta, Tirupati Dist. Andhra Pradesh - 524 126

Regional Offices:

Delhi :

409-B, 4th Floor,
D21 Corporate Park,
Dwaraka Sector 21,
Dwaraka,
Nearest Metro Station
(Dwaraka Sector - 8)
New Delhi - 110 077

Mumbai :

Room No. 1.1,
91 Springboard Business
Hub Private Limited,
Godrej and Boyce,
Gate No 2, LBS Marg,
Vikhroli West,
Mumbai - 400 079

Chennai :

No. 6,
7th Floor,
Awfis Space Solutions P Ltd,
Arihanth Technopolis,
Perungudi,
Chennai - 600 096

Bengaluru :

Cabin no. 1.13, Level-1,
91 Springboard,
George Thangaiyah Complex,
Near Sir C.V. Raman General Hospital,
80 Feet Road, Indiranagar,
Bengaluru - 560 038

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