



বাংলাদেশ স্ট্যান্ডার্ডস এন্ড টেস্টিং ইন্সটিটিউশন

BANGLADESH STANDARDS AND TESTING INSTITUTION
Member ISO, OIML, APMP & Codex Alimentarius Commission of FAO/WHO

মান ভবন

১১৬/ক, তেজগাঁও শিল্প এলাকা, ঢাকা-১২০৮

116-A, TEJGAON INDUSTRIAL AREA, DHAKA-1208

ফোন : ৮৮৭০২৭৫, ৮৮৭০২৭৭, ৮৮৭০২৭৮, ৮৮৭০২৭৯, ৮৮৭০২৮০, ৮৮৭০২৮১, ৯১৩১৫৮২

Fax : 88-02-9131581 E-mail : bsti@bangla.net Website: www.bsti.gov.bd

সূত্র নং-৩৬.০৫.০০০.০৩.১৮.০৭৬৯.২০১৫

১৯০৬৬

তারিখঃ ০৩-০৩-২০১৬ খ্রিঃ

✓ স্বত্বাধিকারী/ব্যবস্থাপনা পরিচালক
মেসার্স দি-রানী রি-রোলিং মিলস লিঃ
শ্যামপুর, কদমতলী শিল্প এলাকা, ঢাকা-১২৪০

বিষয়ঃ সিএম লাইসেন্স নং- ১৯১২৪ এ ৫০০ W গ্রেডের ০৮ মিমি সাইজ সংযোজন প্রসঙ্গে।

প্রিয় মহোদয়,

উপরোক্ত বিষয়ে জানানো যাচ্ছে যে, আপনার প্রতিষ্ঠানের উৎপাদিত "Steel For the Reinforcement of Concrete, Ribbed Bar" ব্রান্ডঃ RANI TMT 500W GOLD সিএম লাইসেন্স নং- ১৯১২৪ এ নতুন সাইজ সংযোজনের জন্য আপনার আবেদনের প্রেক্ষিতে পণ্যটির ৫০০ W গ্রেডের ০৮ মিমি সাইজ ব্রান্ডঃ RANI TMT 500W GOLD নমুনা সংগ্রহ পূর্বক সংশ্লিষ্ট বিডিএস-আইএসও-৬৯৩৫-২/২০০৬ মোতাবেক পরীক্ষাতে নমুনাটি কৃতকার্য হওয়ায় বর্ণিত ৫০০ W গ্রেডের ৮ মিমি সাইজ ব্রান্ডঃ RANI TMT 500W GOLD, ০৪-০২-২০১৬ খ্রিঃ হতে ৩০-০৬-২০১৮ খ্রিঃ মেয়াদে অন্তর্ভুক্ত করা হল। এতদ্ব্যতীত বিল নং-০২, তারিখঃ ১৪-০২-২০১৬ খ্রিঃ এর মাধ্যমে দাবীকৃত সিএম ফি বাবদ টাকা ৫৫,৬৬০.০০ (পঞ্চাশ হাজার ছয়শত ষাট টাকা) মাত্র অত্র অফিসের রশিদ নং- ১২২৭২৮, তারিখঃ ২৫-০২-২০১৬ খ্রিঃ এর মাধ্যমে গৃহীত হয়েছে।

উল্লেখ্য, উৎপাদনের ভিত্তিতে বৎসরান্তে অতিরিক্ত মার্किং ফি প্রযোজ্য হলে পরিশোধ করতে হবে এবং লাইসেন্সে বর্ণিত শর্তসমূহ অপরিবর্তিত থাকবে।

ধন্যবাদান্তে,

আপনার বিশ্বস্ত,

(মোঃ রেজাউল করিম)

পরিচালক (সিএম) অঃদাঃ

সংযোজনী :-

১। নমুনা পরীক্ষার প্রতিবেদন- ০২ কপি

BANGLADESH STANDARDS AND TESTING INSTITUTION

(CHEMICAL TESTING WING)
116/A, Tejgaon Industrial Area, Dhaka-1208.



TEST REPORT

Phone:
8870279



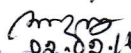
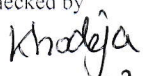

NABL Certificate No. T-1926

Test Report No. 5763	
Customer's Reference No. 36.05.000.03.18.0769.2015/16430(1)	Lab Reference No. 36.05.000.05.03.027.2014
Date of received of sample: 03 -01-2016	Date of testing: 27-01-2016 to 02-02-2016
Identification of test items: Steel for Reinforcement of concrete, Ribbed Bar, Dia: 08 mm, Grade-500 W Brand- Rani TMT 500W Gold, M/s The-Rani Re-Rolling Mills Ltd., Dhaka. Lab. Reg. No. CH/4754/15-16	Sampling plan : Not mentioned
Name and address of customers: Director (CM), BSTI 116/A Tejgaon I/A, Dhaka-1208.	Test method/specification used: as per BDS ISO 6935-2 :2006

Condition of test item: The sample was received in good condition.

SL.Nos	Description of tests	Standard limit For grade-500 W	Test Results	Reference test Method
1.	*Carbon (c), % m/m	0.24(Max)	0.19	Colorimetric method, Technical method of analysis, by R. C. Griffin.
2.	Sulphur (S), % m/m	0.055 (Max)	0.037	IS 228(Part-9): 1989, Evolution method,
3.	Phosphorous (P), % m/m	0.055 (Max)	0.043	ASTM-350:2012, Alkalimetric method, section-172.
4.	Silicon (Si), %m/m	0.65 (Max)	0.14	ASTM-350:2012, section-46.
5.	Manganese (Mn), %m/m	1.70 (Max)	0.44	ASTM-350:2012, section-164.

Remarks:-i) The sample conforms to the requirements of the specification in respect of above tests.
ii) The tests marked with an * (asterisk) are not accredited by accredited body.

Tested by  02.02.16 Md. Sultan Mahmud Examiner (Chemical) Chemical Testing Wing BSTI, Dhaka-1208	Checked by  02.02.16 KHODEJA KHATOON Assistant Director (Food and Bact.) Chemical Testing Wing BSTI, Dhaka	 02.02.16 Authorized signatory (Tapati Saha) Deputy Director (Chem.)
--	---	--

N.B: i) The results reported above pertain only to the sample supplied to & tested in the Laboratories.
ii) The report when required to quoted or reproduced has to reproduced or quoted in full.
iii) Reports are not allowed to be used or reproduced for any commercial purpose.
iv) Any complaint about test report should be reported within a month.
v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of said report.



BANGLADESH STANDARDS AND TESTING INSTITUTION
MAAN BHABAN
 (PHYSICAL TESTING WING)
 116/A, Tejgaon Industrial Area, Dhaka-1208.
 Phone: 8870280, 8870293



NABL Certificate No. T-1927

TEST REPORT

Test report No. 151191

Customer's Reference No: 36.05.000.03.18.0769.2015/16430(2)	Lab. Reference No: 36.05.003.06.77.003.2015.02 / 181
Date of receipt of sample: 03-01-16	Date of testing : 10-01-16
Identification of test items: PE/2891 (15-16) Steel for the Reinforcement of Concrete (Ribbed Bar) Dia: 08 mm, Grade: 500W, Brand- RANI TMT 500W GOLD Manuf. by: M/s. The Rani Re-rolling Mills Ltd, Dhaka. (Stated)	Sampling plan: Not mentioned
Name and address of customers: Director (CM) BSTI, 116/A, Tejgaon I/A, Dhaka-1208.	Test method used : As per BDS ISO 6935-2, 2006, IS 1786:2008 BDS ISO 6892-1:2012. BDS ISO 10065: 2006, BDS ISO 7438: 2008

Condition of the test item: Sample received in good condition with sealed and signed.

Sl. No.	Description /of tests	Standard limits as per BDS ISO 6935-2:2006	Test Results	Remarks
1.	Mass per length in kg/m	0.395 ± 8.0%	0.396	Pass
2.	Actual diameter in mm.	08 ± 8.0%	8.01	Pass
3.	Yield strength in N/mm ²	Min ^m 500	671	Pass
4.	Tensile strength in N/mm ²	Min ^m 550	777	Pass
5.	Elongation in percent (GL=5D)	Min ^m 14	16	Pass
6.	Bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass
7.	Re-bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass

Remarks: The sample No. PE/2891 (15-16) conforms to the requirements of BDS ISO 6935-2:2006 for grade 500 in respect of the above mentioned tests.

12.01.16

Tested by
Engr. Md. Mizanur Rahman
 Examiner (Civil Engg, Physical)
 BSTI, Dhaka-1208

12.01.16

Checked by
Engr. Md. Abdus Sabur
 Assistant Director (Physical)

12.01.16

Authorized signatory
Engr. Matiur Rahman
 Deputy Director (Physical)
 BSTI, 116/A, Tejgaon I/A, Dhaka.

N.B:

- i) The results reported above pertain only to the sample tested and supplied to the Laboratory.
- ii) This report when required to be quoted or reproduced, has to reproduced or quoted in full.
- iii) Reports are not allowed to be used or reproduced for any commercial purpose.
- iv) Any complaint about test report if any should be reported within a month.
- v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of issue of the said report.

• **Customer feedback form is attached with test report. Please send it back.**



বাংলাদেশ স্ট্যান্ডার্ডস এন্ড টেস্টিং ইন্সটিটিউশন

BANGLADESH STANDARDS AND TESTING INSTITUTION
Member ISO, OIML, APMP & Codex Alimentarius Commission of FAO/WHO

মান ভবন

১১৬/ক, তেজগাঁও শিল্প এলাকা, ঢাকা-১২০৮

116-A, TEJGAON INDUSTRIAL AREA, DHAKA-1208

ফোন : ৮৮৭০২৭৫, ৮৮৭০২৭৭, ৮৮৭০২৭৮, ৮৮৭০২৭৯, ৮৮৭০২৮০, ৮৮৭০২৮১, ৯১৩১৫৮২

Fax : ৮৮-০২-৯১৩১৫৮১ E-mail : bsti@bangla.net Website: www.bsti.gov.bd

সূত্র নং-৩৬.০৫.০০০.০৩.১৮.০৭৬৯.২০১৫

তারিখঃ ২৭/০৭/২০১৬ খ্রিঃ

✓ ব্যবস্থাপনা পরিচালক

মেসার্স দি-রানী রি-রোলিং মিলস লিঃ

শ্যামপুর, কদমতলী শিল্প এলাকা

ঢাকা-১২৪০।

বিষয়ঃ সিএম লাইসেন্স নং- ১৯১২৪ এ ৫০০ W গ্রেডের ২০ মিমি, ২৫ মিমি এবং ৪০০ গ্রেডের ২০ মিমি সাইজ সংযোজন প্রসঙ্গে।

প্রিয় মহোদয়,

উপরোক্ত বিষয়ে জানানো যাচ্ছে যে, আপনার প্রতিষ্ঠানের উৎপাদিত "Steel For the Reinforcement of Concrete, Ribbed Bar" সিএম লাইসেন্স নং- ১৯১২৪ এ নতুন সাইজ সংযোজনের জন্য আপনার আবেদনের প্রেক্ষিতে পণ্যটির ৫০০ W গ্রেডের ২০ মিমি, ২৫ মিমি সাইজ ব্রান্ডঃ RANI TMT 500W GOLD এবং ৪০০ W গ্রেডের ২০ মিমি সাইজ ব্রান্ডঃ RANI 400W GOLD নমুনা সংগ্রহ পূর্বক সংশ্লিষ্ট বিডিএস-আইএসও-৬৯৩৫-২/২০০৬ মোতাবেক পরীক্ষান্তে নমুনাটি কৃতকার্য হওয়ায় ১৭-০৫-২০১৬ খ্রিঃ হতে ৩০-০৬-২০১৮ খ্রিঃ মেয়াদে অন্তর্ভুক্ত করা হল। এতদলক্ষ্যে বিল নং-০৩, তারিখঃ ১৯-০৫-২০১৬ খ্রিঃ এর মাধ্যমে দাবীকৃত সিএম ফি বাবদ টাকা ১,৭১,৯২৫.০০ (এক লক্ষ একাত্তর হাজার নয়শত পঁচিশ) মাত্র অত্র অফিসের রশিদ নং- ১৬৭৭৮৭, তারিখঃ ১৯-০৭-২০১৬ খ্রিঃ এর মাধ্যমে গৃহীত হয়েছে।

উল্লেখ্য, প্রকৃত উৎপাদনের ভিত্তিতে বৎসরান্তে অতিরিক্ত মার্কিং ফি প্রযোজ্য হলে পরিশোধ করতে হবে এবং লাইসেন্সে বর্ণিত শর্তসমূহ অপরিবর্তিত থাকবে।

ধন্যবাদান্তে,

আপনার বিশ্বস্ত,

(মোঃ রেজাউল করিম)

পরিচালক (সিএম) অঃদাঃ

সংযোজনী ঃ-

১। নমুনা পরীক্ষার প্রতিবেদন- ০৬ কপি



BANGLADESH STANDARDS AND TESTING INSTITUTION

(CHEMICAL TESTING WING)
116/A, Tejgaon Industrial Area, Dhaka-1208.



Phone: 8870279 NABL Certificate No.T-1926

TEST REPORT

Test Report No.7861	
Customer's Reference No. 36.05.000.03.18.0769.2015/20967	Lab Reference No. 36.05.000.05.03.027(part-1).2016
Date of received of sample:12-04-2016	Date of testing: 08-05-2016 to 12-05-216
Identification of test items: Steel for Reinforcement of concrete, Ribbed Bar, Dia-10 mm Grade-400 Brand- Rani 400 Gold, M/s The Rani Re-Rolling Mills Ltd., Dhaka. Lab. Reg. No. CH/7089/15-16	Sampling plan : Not mentioned
Name and address of customers: Director (CM), BSTI 116/A Tejgaon I/A, Dhaka-1208.	Test method/specification used: as per BDS ISO 6935-2 :2006

Condition of test item: The sample was received in good condition.

SL.Nos	Description of tests	Standard limit For Grade-400	Test Results	Reference test Method
1.	Sulphur (S), % m/m	0.06 (Max)	0.038	IS 228(Part-9): 1989, Evolution method,
2.	Phosphorous (P), % m/m	0.06 (Max)	0.039	ASTM-350:2012, Alkalimetric method, section-172.

Remarks:-The sample conforms to the requirements of the specification in respect of above tests.

Tested by Md. Sultan Mahmud Examiner (Chemical) Chemical Testing Wing BSTI, Dhaka-1208	Checked by KHODJA RINDON Assistant Director (Food and Baet.) Chemical Testing Wing BSTI, Dhaka.	 Authorized signatory (Tapati Saha) Deputy Director (Chem.)
---	---	---

- N.B: i) The results reported above pertain only to the sample supplied to & tested in the Laboratories.
 ii) The report when required to quoted or reproduced has to reproduced or quoted in full.
 iii) Reports are not allowed to be used or reproduced for any commercial purpose.
 iv) Any complaint about test report should be reported within a month.
 v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of said report.



BANGLADESH STANDARDS AND TESTING INSTITUTION

(CHEMICAL TESTING WING)

116/A, Tejgaon Industrial Area, Dhaka-1208.



Phone:

NABL Certificate No.T-1926

TEST REPORT 8870279

Test Report No.7860	
Customer's Reference No. 36.05.000.03.18.0769.2015/20967	Lab Reference No. 36.05.000.05.03.027(part-1).2016
Date of received of sample:12 -04-2016	Date of testing: 08-05-2016 to 12-05-216
Identification of test items: Steel for Reinforcement of concrete, Ribbed Bar, Dia:25 mm, Grade-500 W Brand- Rani TMT 500W Gold, M/s The Rani Re-Rolling Mills Ltd., Dhaka. Lab. Reg. No. CH/7088/15-16	Sampling plan : Not mentioned
Name and address of customers: Director (CM), BSTI 116/A Tejgaon I/A, Dhaka-1208.	Test method/specification used: as per BDS ISO 6935-2 :2006

Condition of test item: The sample was received in good condition.

SL.Nos	Description of tests	Standard limit For grade-500 W	Test Results	Reference test Method
1.	*Carbon (c), % m/m	0.24(Max)	0.20	IS 228(Part-1): 1987,
2.	Sulphur (S), % m/m	0.055 (Max)	0.040	IS 228(Part-9): 1989, Evolution method,
3.	Phosphorous (P), % m/m	0.055 (Max)	0.039	ASTM-350:2012, Alkalimetric method, section-172.
4.	Silicon (Si), %m/m	0.65 (Max)	0.14	ASTM-350:2012, section-46.
5.	Manganese (Mn), %m/m	1.70 (Max)	0.44	ASTM-350:2012, section-164.

Remarks:-i) The sample conforms to the requirements of the specification in respect of above tests.
ii) The tests marked with an * (asterisk) are not accredited by accredited body.

.....

Tested by Md. Sultan Mahmud Examiner (Chemical) Chemical Testing Wing BSTI, Dhaka-1208	Checked by 12.05.16 KHODEJA KHATOON Assistant Director (Food and Bset) Chemical Testing Wing BSTI, Dhaka	 12/05/16 Authorized signatory (Tapati Saha) Deputy Director (Chem.)
---	--	--

- N.B: i) The results reported above pertain only to the sample supplied to & tested in the Laboratories.
 ii) The report when required to quoted or reproduced has to reproduced or quoted in full.
 iii) Reports are not allowed to be used or reproduced for any commercial purpose.
 iv) Any complaint about test report should be reported within a month.
 v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of said report.



BANGLADESH STANDARDS AND TESTING INSTITUTION

(CHEMICAL TESTING WING)

116/A, Tejgaon Industrial Area, Dhaka-1208.



Phone:

NABL Certificate No.T-1926

TEST REPORT 8870279

Test Report No.7859	
Customer's Reference No. 36.05.000.03.18.0769.2015/20967	Lab Reference No. 36.05.000.05.03.027(part-1).2016
Date of received of sample:12 -04-2016	Date of testing: 08-05-2016 to 12-05-216
Identification of test items: Steel for Reinforcement of concrete, Ribbed Bar, Dia:20 mm, Grade-500 W Brand- Rani TMT 500W Gold, M/s The Rani Re-Rolling Mills Ltd., Dhaka. Lab. Reg. No. CH/7087/15-16	Sampling plan : Not mentioned
Name and address of customers: Director (CM), BSTI 116/A Tejgaon I/A, Dhaka-1208.	Test method/specification used: as per BDS ISO 6935-2 :2006

Condition of test item: The sample was received in good condition.

SL.Nos	Description of tests	Standard limit For grade-500 W	Test Results	Reference test Method
1.	*Carbon (c), % m/m	0.24(Max)	0.20	IS 228(Part-1): 1987,
2.	Sulphur (S), % m/m	0.055 (Max)	0.039	IS 228(Part-9): 1989, Evolution method,
3.	Phosphorous (P), % m/m	0.055 (Max)	0.038	ASTM-350:2012, Alkalimetric method, section-172.
4.	Silicon (Si), %m/m	0.65 (Max)	0.13	ASTM-350:2012, section-46.
5.	Manganese (Mn), %m/m	1.70 (Max)	0.45	ASTM-350:2012, section-164.

Remarks:-i) The sample conforms to the requirements of the specification in respect of above tests.
ii) The tests marked with an * (asterisk) are not accredited by accredited body.

Tested by 12.05.16 Md. Sultan Mahmud Examiner (Chemical) Chemical Testing Wing BSTI, Dhaka-1208	Checked by 12.05.16 KHODEJA KHATOON Assistant Director (Food and Baet.) Chemical Testing Wing BSTI, Dhaka	 12/05/16 Authorized signatory (Tapati Saha) Deputy Director (Chem.)
---	--	---

N.B: i) The results reported above pertain only to the sample supplied to & tested in the Laboratories.
 ii) The report when required to quoted or reproduced has to reproduced or quoted in full.
 iii) Reports are not allowed to be used or reproduced for any commercial purpose.
 iv) Any complaint about test report should be reported within a month.
 v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of said report.



TEST REPORT

Test report No. 152411

Customer's Reference No: 36.05.000.03.18.0769.2015/20967(1)	Lab. Reference No: 36.05.003.06.77.003.2015.02 / 1207
Date of receipt of sample: 12-04-16	Date of testing : 24-04-16
Identification of test items: PE/4529A (15-16) Steel for the Reinforcement of Concrete (Ribbed Bar) Dia: 20 mm, Grade: 500W, Brand- RANI TMT 500W GOLD Manuf. by: M/s. The Rani Re-Rolling Mills Ltd, Dhaka. (Stated)	Sampling plan: Not mentioned
Name and address of customers: Director (CM) BSTI, 116/A, Tejgaon I/A, Dhaka-1208.	Test method used : As per BDS ISO 6935-2, 2006, IS 1786:2008, BDS ISO 6892-1:2012, BDS ISO 10065: 2006, BDS ISO 7438: 2008

Condition of the test item: Sample received in good condition with sealed and signed.

Sl. No.	Description /of tests	Standard limits as per BDS ISO 6935-2:2006	Test Results	Remarks
1.	Mass per length in kg/m	2.47 ± 5.0%	2.438	Pass
2.	Actual diameter in mm.	20 ± 5.0%	19.89	Pass
3.	Yield strength in N/mm ²	Min ^m 500	519	Pass
4.	Tensile strength in N/mm ²	Min ^m 550	695	Pass
5.	Elongation in percent (GL=5D)	Min ^m 14	23	Pass
6.	Bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass
7.	Re-bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass

Remarks: The sample No. PE/4529A (15-16) conforms to the requirements of BDS ISO 6935-2:2006 for grade 500 in respect of the above mentioned tests.

26.04.16

Tested by

Engr. Md. Mizanur Rahman
Examiner (Civil Engg. Physical)
BSTI, Dhaka-1208

27.4.16

Authorised signatory

Engr. Md. Abdus Sabur
Assistant Director (Physical)

N.B:

- i) The results reported above pertain only to the sample tested and supplied to the Laboratory.
- ii) This report when required to be quoted or reproduced, has to reproduced or quoted in full.
- iii) Reports are not allowed to be used or reproduced for any commercial purpose.
- iv) Any complaint about test report if any should be reported within a month.
- v) The unspent portion of the samples may be auctioned/disposed off after three months from the date of issue of the said report.

• **Customer feedback form is attached with test report. Please send it back.**



BANGLADESH STANDARDS AND TESTING INSTITUTION
MAAN BHABAN
(PHYSICAL TESTING WING)
116/A, Tejgaon Industrial Area, Dhaka-1208.
Phone: 8870280, 8870293



NABL Certificate No. T-1927

TEST REPORT

Test report No. 152412

Customer's Reference No: 36.05.000.03.18.0769.2015/20967(1)	Lab. Reference No: 36.05.003.06.77.003.2015.02
Date of receipt of sample: 12-04-16	Date of testing : 24-04-16
Identification of test items: PE/4530A (15-16) Steel for the Reinforcement of Concrete (Ribbed Bar) Dia: 25 mm, Grade: 500W, Brand- RANI TMT 500W GOLD Manuf. by: M/s. The Rani Re-Rolling Mills Ltd, Dhaka. (Stated)	Sampling plan: Not mentioned
Name and address of customers: Director (CM) BSTI, 116/A, Tejgaon I/A, Dhaka-1208.	Test method used : As per BDS ISO 6935-2, 2006, IS 1786:2008, BDS ISO 6892-1:2012, BDS ISO 10065: 2006, BDS ISO 7438: 2008

Condition of the test item: Sample received in good condition with sealed and signed.

Sl. No.	Description /of tests	Standard limits as per BDS ISO 6935-2:2006	Test Results	Remarks
1.	Mass per length in kg/m	3.85 ± 4.0%	3.907	Pass
2.	Actual diameter in mm.	25 ± 4.0%	25.18	Pass
3.	Yield strength in N/mm ²	Min ^m 500	505	Pass
4.	Tensile strength in N/mm ²	Min ^m 550	718	Pass
5.	Elongation in percent (GL=5D)	Min ^m 14	23	Pass
6.	Bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass
7.	Re-bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass

Remarks: The sample No. PE/4530A (15-16) conforms to the requirements of BDS ISO 6935-2:2006 for grade 500 in respect of the above mentioned tests.

26.04.16

Tested by

Engr. Md. Mizanur Rahman
Examiner (Civil Engg, Physical)
BSTI, Dhaka-1208

27-4-16

Authorised signatory

Engr. Md. Abdus Sabur
Assistant Director (Physical)

N.B:

- The results reported above pertain only to the sample tested and supplied to the Laboratory.
- This report when required to be quoted or reproduced, has to reproduced or quoted in full.
- Reports are not allowed to be used or reproduced for any commercial purpose.
- Any complaint about test report if any should be reported within a month.
- The unspent portion of the samples may be auctioned/disposed off after three months from the date of issue of the said report.

• **Customer feedback form is attached with test report. Please send it back.**



BANGLADESH STANDARDS AND TESTING INSTITUTION
MAAN BHABAN
 (PHYSICAL TESTING WING)
 116/A, Tejgaon Industrial Area, Dhaka-1208.
 Phone: 8870280, 8870293



NABL Certificate No. T-1927

TEST REPORT

Test report No. 152413

Customer's Reference No: 36.05.000.03.18.0769.2015/20967(1)	Lab. Reference No: 36.05.003.06.77.003.2015.02
Date of receipt of sample: 12-04-16	Date of testing : 24-04-16
Identification of test items: PE/4531A (15-16) Steel for the Reinforcement of Concrete (Ribbed Bar) Dia: 10 mm, Grade: 400W, Brand- RANI TMT 500W GOLD Manuf. by: M/s. The Rani Re-Rolling Mills Ltd, Dhaka. (Stated)	Sampling plan: Not mentioned
Name and address of customers: Director (CM) BSTI. 116/A, Tejgaon I/A, Dhaka-1208.	Test method used : As per BDS ISO 6935-2, 2006, IS 1786:2008 .BDS ISO 6892-1:2012, BDS ISO 10065: 2006, BDS ISO 7438: 2008

Condition of the test item: Sample received in good condition with sealed and signed.

Sl. No.	Description /of tests	Standard limits as per BDS ISO 6935-2:2006	Test Results	Remarks
1.	Mass per length in kg/m	0.617 ± 5.0%	0.593	Pass
2.	Actual diameter in mm.	10 ± 5.0%	9.81	Pass
3.	Yield strength in N/mm ²	Min ^m 400	407	Pass
4.	Tensile strength in N/mm ²	Min ^m 440	547	Pass
5.	Elongation in percent (GL=5D)	Min ^m 14	31	Pass
6.	Bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass
7.	Re-bend test	Crack or fracture not to be occurred.	No crack or fracture occurred	Pass

Remarks: The sample No. PE/4531A (15-16) conforms to the requirements of BDS ISO 6935-2:2006 for grade 400 in respect of the above mentioned tests.

26.04.16

Tested by

Engr. Md. Mizanur Rahman
Examiner (Civil Engg, Physical)
BSTI, Dhaka-1208

27-4-16

Authorised signatory

Engr. Md. Abdus Sabur
Assistant Director (Physical)

N.B:

- The results reported above pertain only to the sample tested and supplied to the Laboratory.
- This report when required to be quoted or reproduced, has to reproduced or quoted in full.
- Reports are not allowed to be used or reproduced for any commercial purpose.
- Any complaint about test report if any should be reported within a month.
- The unspent portion of the samples may be auctioned/disposed off after three months from the date of issue of the said report.

- **Customer feedback form is attached with test report. Please send it back.**