

INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **EX2019317/207804**

Order Quantity: **500pcs**

Part Name: **M20 Rebar Bolt L=5000**

Material: **B500NC acc.to NS 3576-3:2012**

or equivalent HRB500E acc.to GB 1499.2-2018

Finishing: **Pc-Coat**

Article No: **5010029**

Drawing No: **PTC-117 of Aug.28.2015**

No. 9, Jinchang Rd, Haining

Zhejiang Pro. - China

www.chinapretec.com

Certificate No: 23916

Date: 2020-01-09

Chemical composition analysis for material, ref certificate from mill: 191213C00246

Batch No.	B31912050014	C	Si	Mn	P	S	CEV
Requirements (Before processing)	Max	0.25	0.80	1.60	0.045	0.045	0.55
	Min						
Test Report		0.22	0.46	1.45	0.027	0.016	0.49

Mechanical tests for material, ref certificate from mill: 191213C00246

Batch No.	B31912050014	Yield	Tensile	Agt
		ReH(MPa)	Rm(MPa)	%
Requirements (Before processing)	Min	500	600	8
	Max	650		
Test Report		530/535	700/710	13.1/13.0

Inspection of execution:

DIM.	Middle Dia	Length	Straightness	Thread L	Chamfering	HDG	Epoxy Coating
						Thickness	Thickness
Spec/mm	17.681-17.851	5000±5	8	150 +10/-0	Ø14 +0/-2	≥85um	≥70um
1	17.81	4998	ok	158	13.2	96	92
2	17.80	4999	ok	156	12.9	89	101
3	17.77	5003	ok	159	13.0	104	86
4	17.76	5001	ok	156	13.4	98	90
5	17.79	4997	ok	155	13.1	112	88

General appearance:

☒ approved

☐ not approved

Inspected 45° cut:

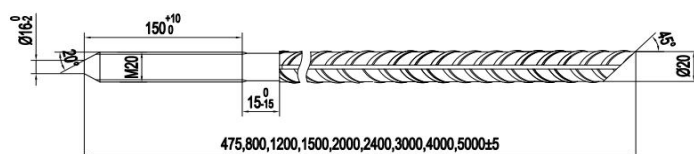
☒ approved

☐ not approved

Pc-Coat acc.to ISO 1461:2009/ Q/PTC-T19A:

☒ approved

☐ not approved



After surface treatment, easy mounting of nut M20+2/10 ISO 4032-8, Pc-coat:

☒ approved

☐ not approved

All the data on the above form is real and valid.

Conclusion :

☒ Yes

☐ No

3.1 Inspection certificate are subject to change without notice.

Works inspector: **Echo Xiang**

Checked by: **Jianbo Gu**

Date: **2020-01-09**

Zhejiang Pretec Metal Products Co., Ltd.

TEL: +86-573-87878119/80700633 FAX: +86-573-87878229