

# INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **EX2019312/207403**

Order Quantity: **9630pcs**

Part Name: **M20 Rebar Bolt L=3000**

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

or equivalent HRB500E acc.to GB 1499.2-2018

Finishing: **Pc-Coat**

Article No: **5010024**

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

No. 9, Jinchang Rd, Haining

Zhejiang Pro. - China

www.chinapretec.com

Certificate No: **23908**

Date: **2020-01-03**

## 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	3000±5	7	150 +10/-0	Ø14 +0/-2	≥85um	≥70um
1	17.80	3003	ok	158	12.8	87	100
2	17.81	2999	ok	159	12.9	95	93
3	17.77	3002	ok	158	13.3	108	82
4	17.79	3004	ok	156	13.2	91	99
5	17.78	3001	ok	157	13.1	98	92

General appearance:

☒ approved

☐ not approved

Inspected 45° cut:

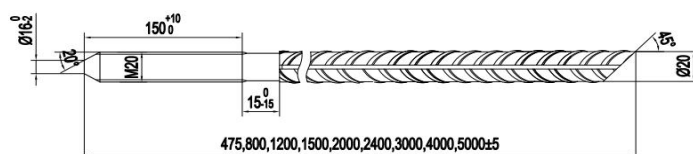
☒ approved

☐ 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: **2020-01-03**

Zhejiang Pretec Metal Products Co., Ltd.

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