

INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **EX2019275/204757**

Order Quantity: **450pcs**

Part Name: **Tie rod system BB M24**

Material: **S355/Q345D**

Finishing: **HDG**

Article No: **1440092**

Drawing No: **PTC-030-2 of Feb.04.2017**

Marking: **"CE"**

No. 9, Jinchang Rd, Haining

Zhejiang Pro. - China

www.chinapretec.com

Certificate No: **23801**

Date: **2020-01-08**

Chemical composition analysis for material, ref certificate from mill :190524090

Batch No.	T219-04674	C	Si	Mn	P	S
Requirements	Max	0.20	0.50	1.70	0.035	0.035
	Min					
Test Report		0.20	0.40	1.27	0.013	0.008

Mechanical tests for material, ref certificate from mill:190524090

Batch No.	T219-04674	Yield	Tensile	Elongation
		Rp0.2(MPa)	Rm(MPa)	(EL)%
Requirements	Min	345	470	22
	Max		630	
Test Report		375	556	30

Inspection of execution:

DIM.	L1	d	e	f	t	H	L2	Φd	HDG
									Thickness
Spec/mm	180±1	55±1	100±1	26+1/-0.5	20±1	32±0.5	3425	M25	≥55um
1	179.8	55.1	100.6	26.4	19.5	32.2	3425	25.18	117
2	180.2	54.8	100.3	26.6	19.6	32.0	3424	25.21	94
3	179.9	55.2	100.2	26.7	19.7	32.1	3425	25.17	114
4	180.1	55.0	100.0	26.8	19.6	32.1	3426	25.22	89
5	180.0	55.1	100.4	26.6	19.5	32.0	3424	25.20	98

General appearance:

☒ approved

☐ not approved

HDG acc.to ISO 1461:

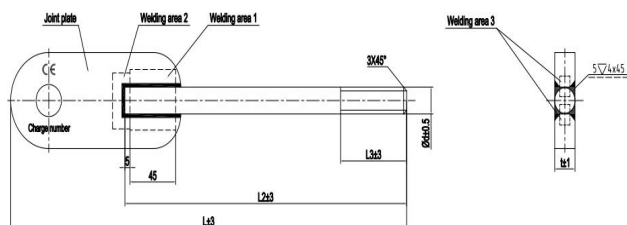
☒ approved

☐ not approved

Welding acc.to ISO 5817-C:

☒ approved

☐ not approved



Type	L	L2	L3	t	Ød
M20	3537.5	3425	90	20	20
M24	3550	3425	100	20	25
M30	3555	3425	110	25	30

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: **2020-01-08**

Zhejiang Pretec Metal Products Co., Ltd.

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