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(2015)国认监认字(077)号



检测
CNAS L0230

检 验 报 告

TEST REPORT

BETC-CL1-2015-01745

工程/产品名称 Rolling paralleled thread rebars splicing
Name of Engineering/Product with rib stripped before rolling of threads

委托单位 OCEPO (Beijing) Import and Export Co., Ltd.
Client Beijing OCEPO Construction Machinery Sales Co., Ltd.

检验类别 Commission
Test Category Commission

国家建筑工程质量监督检验中心

NATIONAL CENTER FOR QUALITY SUPERVISION
AND TEST OF BUILDING ENGINEERING

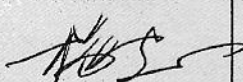
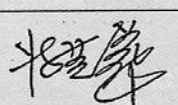
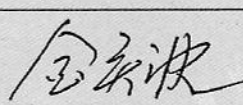


国家建筑工程质量监督检验中心检验报告

TEST REPORT OF NATIONAL CENTER FOR QUALITY SUPERVISION AND TEST OF BUILDING ENGINEERING

报告编号 (No. of Report) : BETC-CL1-2015-01745

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委托单位 (Client)		OCEPO (Beijing) Import and Export Co., Ltd. Beijing OCEPO Construction Machinery Sales Co., Ltd.		
地址 (ADD.)		No.1 Beishatan, Chaoyang District, Beijing	样品编号 (NO.)	CL1-2015-01745
样品 (Sample)	名称 (Name)	Rolling paralleled thread rebars splicing with rib stripped before rolling of threads	状态 (State)	Normal
	商标 (Brand)	OCEPO	规格型号 (Type/ Model)	BB 5 32 (HRB500E)
生产单位 (Manufacturer)		Beijing OCEPO Construction Machinery Ltd.		
送/抽样日期 (Date of delivery/Sampling)		2015-08-06	数量 (Quantity)	1 set
工程名称 (Name of engineering)		---		
检验 (Test)	项目 (Item)	1. R_{el} 、 R_m 2. One-direction tensile property 3. Repeat tensile and compression property under high stress 4. Repeat tensile and compression property under large deformation	地点 (Place)	Lab of Beisanhuan materials testing room one
	仪器 (Instruments)	Material testing machine Fatigue testing machine	日期 (Date)	2015-08-11
检验依据 (Test based on)		GB 1499.2-2007, JGJ 107-2010		
判定依据 (Criteria based on)		GB 1499.2-2007, JGJ 107-2010		
检验结论 (Conclusion)				
Samples tested satisfy the requirements of class I specified in the standards.				
Remark	Page 2 of the report for test data and Page 3 for the attached table.			
批准 (Approval)	审核 (Verification)	主检 (Chief tester)	联系电话 (Tel.)	报告日期 (Date)
			010-64517835	2015/08/12



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Data of steel bar test					
Sample No.	CL1-2015-01745 -1	CL1-2015-01745 -2	CL1-2015-01745 -3	Average value	Standard value
Diameter (mm)				32	--
Yield strength R_{el} (MPa)	554	556	553	--	≥ 500
Tensile strength R_m (MPa)	721	722	719	--	≥ 630
Failure	--	--	--	--	--
Data of one-direction tensile property test					
Sample No.	CL1-2015-01745 -4	CL1-2015-01745 -5	CL1-2015-01745 -6	Average value	Standard value
Tensile strength f_{mst}^0 (MPa)	714	720	724	--	$f_{mst}^0 \geq f_{stk}$ 或 $\geq 1.10f_{stk}$
Inelastic deformation u_0 (mm)	0.06	0.07	0.09	0.07	$u_0 \leq 0.10$
Elongation rate A_{sgt} (%)	11.0	11.0	11.5	11.0	$A_{sgt} \geq 6.0$
Failure	Break on rebar	Break on rebar	Break on rebar	--	--
Data of repeat tensile and compression property test under high stress					
Sample No.	CL1-2015-01745 -7	CL1-2015-01745 -8	CL1-2015-01745 -9	Average value	Standard value
Tensile strength f_{mst}^0 (MPa)	722	720	724	--	$f_{mst}^0 \geq f_{stk}$ 或 $\geq 1.10f_{stk}$
Residual deformation U_{20} (mm)	0.20	0.18	0.17	0.18	$u_{20} \leq 0.3$
Failure	Break on rebar	Break on rebar	Break on rebar	--	--
Data of repeat tensile and compression property test under large deformation					
Sample No.	CL1-2015-01745 -10	CL1-2015-01745 -11	CL1-2015-01745 -12	Average value	Standard value
Tensile strength f_{mst}^0 (MPa)	723	721	721	--	$f_{mst}^0 \geq f_{stk}$ 或 $\geq 1.10f_{stk}$
Residual deformation u_4 (mm)	0.18	0.24	0.20	0.21	$u_4 \leq 0.3$
Residual deformation u_8 (mm)	0.21	0.27	0.26	0.25	$u_8 \leq 0.6$
Failure	Break on rebar	Break on rebar	Break on rebar	--	--

Attachment:

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Client	OCEPO (Beijing) Import and Export Co., Ltd. Beijing OCEPO Construction Machinery Sales Co., Ltd.			
Product	Rolling paralleled thread rebars splicing with rib stripped before rolling of threads	Nominal diameter (mm)	32 (HRB500E)	
Design splicing class	Class I	Date of delivery	2015-08-06	
Parameters of coupler				
Dimensions of coupler	Length (mm)	72	Raw material of coupler	45# of steel
	Outer diameter (mm)	47	Thread size	3.0
	Tightening torque (N·m)	≥320	Angle	75°
Illustration of rebar splicing:				
