


<b>Company:</b> EIFFEL IBERICA Pol. Industrial Los Villarejos, C/A 11 ES-02230 Madrigueras	<b>Re-Audit Report</b> Qualification according to DIN 18800-7, Class E  This certificate is only valid the manufacturing of towers for wind power plants	 <b>GSI SLV</b> Duisburg	
Audit date: 01.08.2012 Auditor: Ms. Mönnich			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>1 Workshop facilities:</b>          Remarks/conditions:       </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> fulfilled         <input type="checkbox"/> not fulfilled       </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>2 Quality of welded joints:</b>          Remarks/conditions:       </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> fulfilled         <input type="checkbox"/> not fulfilled       </div> </div>			
<b>3 Qualification of welders according to EN 287-1 and welding operator acc. EN 1418:</b> <div style="text-align: right;"> <input checked="" type="checkbox"/> yes         <input type="checkbox"/> no       </div>			
3.1 Remarks/conditions: Welder approvals for process 135 and 121 only for position PA and PB. Two type of welding unit for process 121. Process 111 only for repair, not for production.			
3.2 <b>Assessment of the test pieces by the welding coordinator(s):</b> The following tests were performed under the instruction and supervision of the welding coordinator(s).			
Result	welding coordinator(s)	notified body	remarks
VT	f	f	
RT	--	--	
fracture	f	f	
3.3 The welding coordinator(s) is (are) capable of assessing test pieces according to EN 287-1  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           Assessing test pieces            Theoretical test            Remarks/conditions:         </div> <div style="width: 50%;"> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> yes             <input checked="" type="checkbox"/> no           </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> yes             <input checked="" type="checkbox"/> no           </div> </div> </div>			
<b>4 Qualification of weld procedures/Production weld tests:</b> Complete: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> not necessary Remarks/conditions: Qualifications are according to DIN EN ISO 15614-1. Qualification with filler material with CE-marking and DB Yearly production qualification tests for process 135 / 121 are necessary. Will be check in the next year.			
<b>5 WPS:</b> WPS complete: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> partly Remarks/conditions: WPS are available for the production.			



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**6 Tested welding coordinator:**

Surname:	Given name	Born:	Qualification according to DIN EN ISO 14731
1 Eng Alonso Rendueles	Francisco	04.04.1986	IWE (IIW) supervision
2 Eng. Cortillas Soria	Angel	05.10.1974	IWE in Training

**7 Job knowledge of the welding coordinator:**

	standards and regulations	1		
7.1 Process and equipment	111, 121, 135 ISO 14175			
7.2 Base materials and weldability	EN 10025-1/-2 /-3			
7.3 Design and calculation	DIN 18800-7 / -1,			
7.4 Fabrication	ISO 3834-2, 14731, 5817			
7.5 Speciality of the production	EN 1090			
Result:		ps		

Remarks/conditions:

**8 Factory Production Control**

Requirements according to DIN 18800-7, element 1303, FPC

- ☒ fulfilled  
☐ not fulfilled

**9 Certificates of the base material**

- ☐ complete  
☐ not complete

**X** no certificates, the material is completely from costumer for all projects

8.1

Remarks/conditions:

**Responsible for the FPC > Angel Cortillas Soria****Responsible person for Declaration of conformity > Jose Reinoso****Requirements of EN 1090ff:**

The manufacturer shall establish, document and maintain a factory production control (FPC) system to ensure that products placed on the market conform to the declared performance characteristics. The FPC system shall consist of written procedures, regular inspections and tests and/or assessments and the use of results to control the component's constituent products, equipment, the production process and the manufactured component.

EN 1090 situation:

**1.) Current situation:**

As off 2012-07-01 calculation and design are obliged to be in accordance with EN 1090ff.

If EN 1993ff is applied, the manufacturing and declaration has to be in accordance with EN 1090. Therefore a certificate acc. DIN 18800-7 is not valid.

**2.) Exception up to 2014-06-30:**

If calculation and design were carried out acc. to DIN 18800-1 to 5, the manufacture has to follow DIN 18800-7 standard.



**10**

10.1 The prerequisites for the granting of the certificate are

☐ fulfilled

☒ not completely fulfilled. Certificate will be given until 01.08.2013

☐ not fulfilled

10.2 Remarks:

All rules and standards effecting the production for Europe should be available and known the welding coordinator. The rWC Mr. Fco. Javier Alonso is new in the company and need a little bit more experience with the standards.

Production of wind towers with all requirements from the costumer for welding, corrosion and documentation.

Costumers are VESTAS (Spain), ACCIONA Windpower (Spain), GAMESA (Spain)

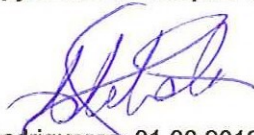
10.3 Conditions:

1. Modification of tasks and areas of competence of Mr. Fco. Javier Alonso and Mr. Angel Cotillas Soria (Production Manager and IWE in progress) acc. EN ISO 14731 and send to SLV.
2. Information about order for the German Market is necessary to SLV.
3. Final payment


A copy of this audit report was given to the company:


☒ yes

☐ no

  
Madriguera, 01.08.2012

Place, Date

  
Signature of the Auditor

  
Signature of the responsible  
Person of the Company, IWE