

Customer		Supplier		Certificate number				
<b>Senvion GmbH</b> Überseering 10 22297 Hamburg		<b>Ria Blades,SA</b> Parque Empresarial de Soza Rua da Barreira, nº25 Salgueiro 3840-346 Soza Portugal		<b>IC nº 610_2019</b>				
Article		Colour Code		Documents for construction Blade set				
<b>Rotor Blade: RE 55.8</b> <b>Order nb: 4500455702</b> <b>Set NB: 610</b>		RAL 7035		We confirm that the delivered blades are in accordance with Senvion Specifications and all other documents referred on Doc List 52775				
Blades Numbers	Static Moment referring to the blade flange	Deviation from the average static moment of rotor blade [%]	Balancing masses					
			Total Weigth (Kg)	Center of gravity COG Z[m]	Balancing Chamber Nº1 (Kg)	Balancing Chamber Nº2 (Kg)	Balancing Chamber Nº3 (Kg)	Extra weight (kg)
RB 1832	211950	0,01	13725	15,44	7	0	22	0
RB 1837	212048	0,04	13733	15,44	0	0	0	0
RB 1839	211894	0,03	13697	15,47	0	0	24	0
Average static moment of the rotor blade set [kgm]			211964					
Lightning protection results	Blades Numbers		RB 1832	RB 1837	RB 1839			
	Receptor 1 --> SS= Z 40m (Min:10 mΩ - Max: 20 mΩ)		14	16	20			
	Receptor 2--> SS Z= 48m (Min:12 mΩ - Max:24 mΩ)		16	18	22			
	Receptor 3 --> PS Z= 40m (Min:10 mΩ - Max:20 mΩ)		14	16	18			
	Receptor 4 --> PS Z=48 m (Min:12 mΩ - Max:24 mΩ)		16	18	24			
	TIP (Min:14 mΩ - Max:27 mΩ)		18	20	19			
Blade Numbers	Root Inserts Batch number	Root Inserts Supplier	M30 bolts Batch number	M30 bolts Supplier	Jig control ECR_558144			
RB 1832	10261260D 110718260D 110616260D BXC	Heinicke Kleinsorge Verbindungstechnik	400/18 14/16	TSF	OK			
RB 1837	110718260D 11082260D BXG	Heinicke Kleinsorge Verbindungstechnik	400/18	TSF	OK			
RB 1839	111410260D 11094260D 111514260D	Heinicke Kleinsorge Verbindungstechnik	400/18	TSF	OK			

Date:	05-02-2019
Authorized signature:	Quality Assurance
Stamp:	  Guilherme Teixeira Quality Engineering Coordinator