



Customer		Supplier		Certificate number					
Senvion GmbH Überseering 10 22297 Hamburg		Ria Blades,SA Parque Empresarial de Soza Rua da Barreira, nº25 Salgueiro 3840-346 Soza Portugal		IC nº 207_2019					
Article		Colour Code		Documents for construction Blade set					
Rotor Blade: RE 59.8 Order nb: 4500456519 Set NB: 207		COL 032		We confirm that the delivered blades are in accordance with Senvion Specifications and all other documents referred on Doc list__54693					
Blades Numbers	Static Moment referring to the blade flange [Kg.m]	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 623	231395	0,03	14202	16,29	0	0	26	0	
RB 624	231311	0,00	14201	16,29	0	0	0	0	
RB 625	231250	0,03	14191	16,30	0	0	27	0	
Average static moment of the rotor blade set [kgm]			231319						
Lightning protection results	Blades Numbers		RB 623	RB 624	RB 625				
	Receptor 1 -->SS= Z 45m (Min:11mΩ - Max:23mΩ)		17	16	22				
	Receptor 2--> SS Z= 53m (Min:13mΩ - Max:26mΩ)		19	18	24				
	Receptor 3 --> PS Z= 45m (Min:11mΩ - Max:23mΩ)		17	15	22				
	Receptor 4 --> PS Z=53m (Min:13mΩ - Max:26mΩ)		19	17	23				
	TIP (Min:15mΩ - Max:29mΩ)		21	20	25				
Blade Numbers	Root Inserts Batch number	Root Inserts Supplier	M30 bolts Batch number	M30 bolts Supplier	Jig control				
RB 623	BXF BWO	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK				
RB 624	BXC BXF	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK				
RB 625	BWO BYQ	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK				

Date:	19-03-2019
Authorized signature: <i>Quality Assurance</i>	Quality Assurance
Stamp:	  Guilherme Teixeira Quality Engineering Coordinator