



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 208_2019					
Article		Colour Code	Documents for construction Blade set					
Rotor Blade: RE 59.8 Order nb: 4500456519 Set NB: 208		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 626	231204	0,03	14209	16,27	17	0	0	0
RB 627	231111	0,01	14224	16,25	0	0	0	0
RB 628	231064	0,03	14221	16,25	15	0	0	0
Average static moment of the rotor blade set [kgm]			231126					
Lightning protection results	Blades Numbers		RB 626	RB 627	RB 628			
	Receptor 1 -->SS= Z 45m (Min:11mΩ - Max:23mΩ)		15	20	19			
	Receptor 2--> SS Z= 53m (Min:13mΩ - Max:26mΩ)		16	22	21			
	Receptor 3 --> PS Z= 45m (Min:11mΩ - Max:23mΩ)		15	20	19			
	Receptor 4 --> PS Z=53m (Min:13mΩ - Max:26mΩ)		17	23	21			
	TIP (Min:15mΩ - Max:29mΩ)		18	24	22			
Blade Numbers	Root Inserts Batch number	Root Inserts Supplier	M30 bolts Batch number	M30 bolts Supplier	Jig control			
RB 626	BWO BXF	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK			
RB 627	BOY BWL	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK			
RB 628	BWO BYQ	Kleinsorge Verbindungstechnik	BXL	Kleinsorge Verbindungstechnik	OK			

Date:	20-03-2019
Authorized signature: <i>Quality Assurance</i>	Quality Assurance
Stamp:	  Guilherme Teixeira Quality Engineering Coordinator