

Doc. No.: 502446003	Description: COMPLETE MAGNET TEST	Product description: ISA Raster magnets				
Order No : 502446	Customer: Århus University	Part/drawing No.: 7103033504 and 7103033532			Magnet No.: 16653 and 16654	
To be carried out after assembling						
No.	Description	Test equipment (DF Reg. Nr.)	Result measured	Criteria and tolerance	Accepted	Sign./Date
1	Insulation test: Coil to ground (Aluminum magnet frame) ----- 1 kV for one minute		$t_{\text{applied}} = \text{_____ min}$ $I_{\text{Leak}} = \text{_____ } \mu\text{A}$ Break down: Yes / No	$t \geq 1 \text{ min.}$ $I < 100 \mu\text{A}$ No sign of break down		
2	Magnet inductance ----- Measured between coil terminals		20 kHz = _____ μH 100 kHz = _____ μH	7.8 $\mu\text{H} \pm 10\%$		
3	Data label – Is it mounted?			Ok / not ok		
4	Visual inspection according to main drawing ----- Check ceramic chambers, brazing, screws, BOM etc.			Ok / not ok		

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Remarks:						
Production Control:			Project Manager:			
Sign:			Sign:			