

# COIL CONTROL REPORT

## Secondary coil

Customer:


TECHNISCHE  
UNIVERSITÄT  
MÜNCHEN

Revision:

A

SIGMAPHI REFERENCE: 450921  
 SIGMAPHI DRAWING: 450921-TUM-0200 rev D  
 Serial N° : 2  
 PO: 21-5020940-32669

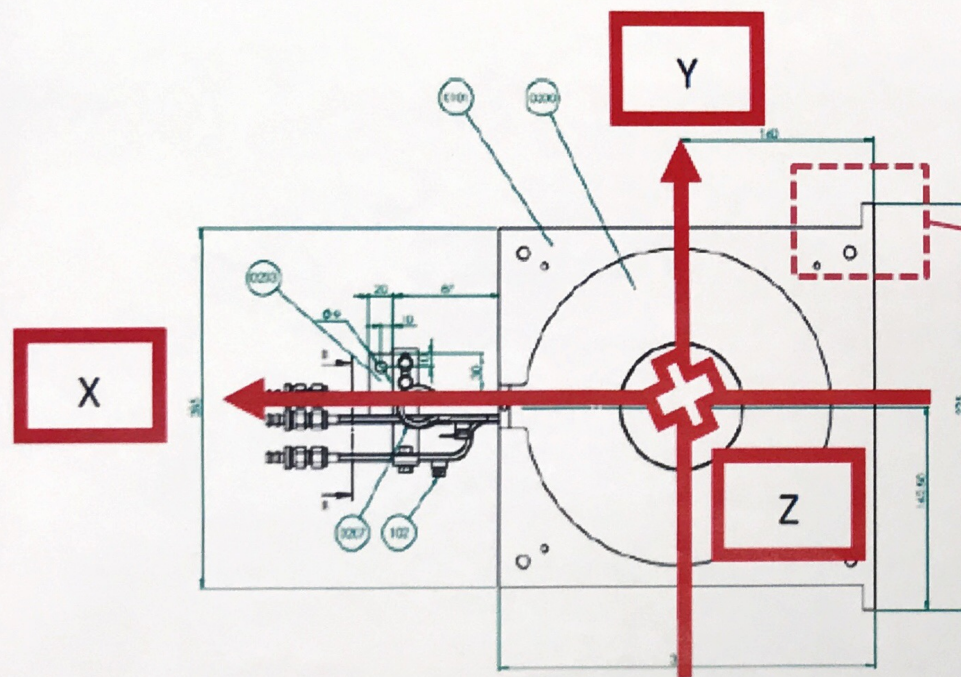
	UNIT	REQUIRED	Tolerance Maxi Mini	RESULT	CONTROL Date Initial	ACTION
<b>Mechanical measurement</b>						
External diameter	mm	301,80	Maxi 301,80	301,8	23/03/2018 A.J	
Internal diameter	mm	220,00	Mini 220,00	221,0	//	
Height of coil	mm	50,00	+1 -1	50,0	//	
<b>Electric measurement</b>						
Capacitive discharge at 480Vac	/	Pass	/	Pass	13/06/2018 A.J	
Ground Insulation resistance at 2500 Vdc in the water during 1 min between coil and mass and leakage current test	mA	Leakage current	/	I = 401 nA	26/03/2018 A.J	
	MΩ	10	≤	6360	//	
Conductor to ground Insulation tightness At 2500 V dc (during 1 min.)	mA	Leakage current	/	I = 401 nA	//	
DC resistance value at 20° C	mΩ	39	42,9 35,1	41,62	07/06/2018 S.MI	
Polarity control	/	Pass	/	Pass	//	
<b>Hydraulical measurement</b>						
Hydrostatic pressure test Under a pressure of 30 bars during 15 min	/	Pass	/	Pass	07/06/2018 S.MI	
Water flow value circuit N°01 Under a inlet pressure of 2 bars	l/min	0,34	≥90%	0,53	//	
Water flow value circuit N°02 Under a inlet pressure of 2 bars	l/min	0,34	≥90%	0,52	//	
<b>Visual control</b>						
Visual control	/	Pass	/	Pass	21/03/2018 A.L.G	



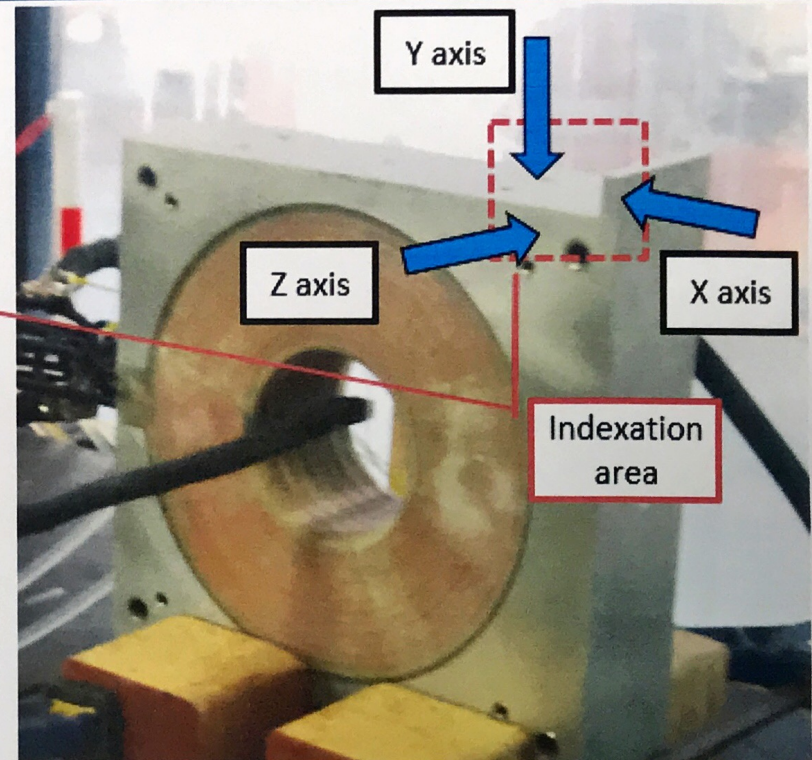




## Magnet axis

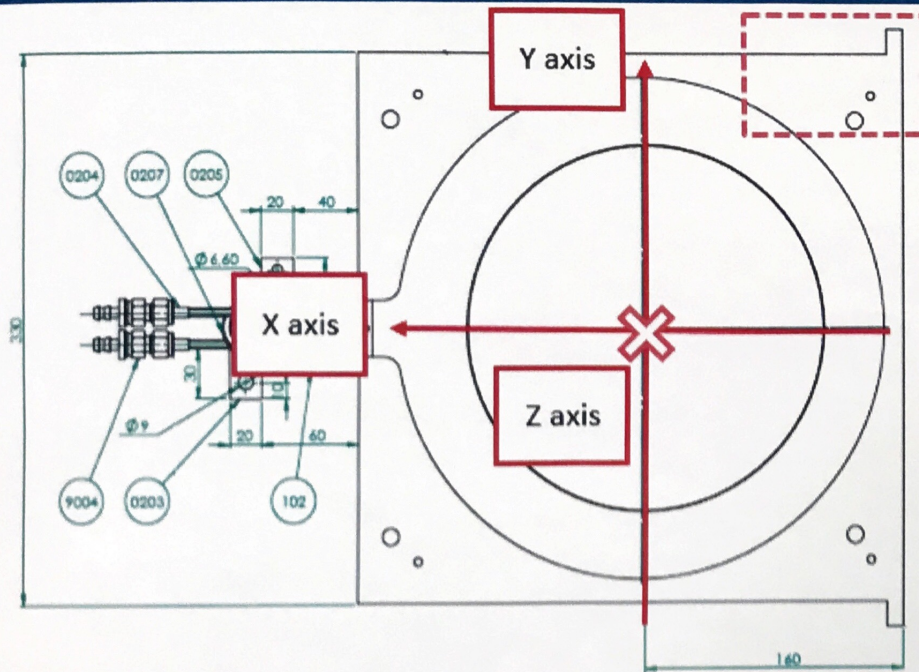


## Hall probe indexation: Mechanical center definition





Magnet axis



Hall probe indexation: Mechanical center definition

