



JEOL LTD.

1-2 Musashino 3-chome, Akishima, Tokyo 196-8558, Japan
Tel: (042) 543-1111 Fax: (042) 546-5757

CERTIFICATE OF INSTALLATION

JEOL LTD.
1-2 Musashino 3-chome, Akishima,
Tokyo 196, JAPAN

Gentlemen:

This is to certify that the installation and adjustment of the following items have been completed and accepted by the undersigned. These equipments are guaranteed for a period of twelve(12) months counting from the date of signature.

Model	Description	Q'ty	MFG No.
50110N40	JNM-ECX400	1	
04460SCM	400MHz Magnet	1	
03510TH5	TH5ATFG2 PROBE	1	
03505			
03050H5X	H5XATFG PROBE	1	
40T10L	T10L PROBE	1	
ATUN	AUTO TUNE UNIT	1	
57012PCWW	PC WORKSTATION	1	
10L/DEWAR	LOW TEMP DEWAR	1	

Date: June 11, 2010 Organization: SAMARA STATE TECHNICAL UNIV

Signature: _____

Full Name: Yuri N. Timonov Address: 244, Molodogvardeyskaya str SAMARA

Title or Position: Prof. Head.

Organic Chemistry Division Tel: +7(846) 3322/22 Ext: _____

JEOL Engineer Signature: SHIZAWA, HIDEO

SERVICE REPORT

Customer: SAMARA STATE TECHNICAL UNIV. No.: _____

Engineer: SHIZAWA Model: ECX400 Serial No.: _____ Date: _____

1 ☐ Under guarantee	3 ☐ W/out svc contract	1 ☐ Modification	3 ☐ Instruction	5 ☒ Installation	7 ☐ Major Overhaul
2 ☐ With Service contract	4 ☐ Other	2 ☐ Breakdown	4 ☐ Other	6 ☐ Reinstallation	8 ☐ Minor Overhaul

Duration of Service

Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Travel
5/13	9:00-17:30	5/24	9:00-16:00	1/2	9:00-18:00	1/11	9:00-17:30	5/12	Moscow - Samara
1/14	9:00-16:30	1/25	9:00-17:00	1/3	9:00-18:00	/	-	/	
1/17	9:00-17:00	1/26	9:00-15:30	1/7	9:00-18:30	/	-	/	
1/18	9:00-17:00	1/27	9:00-17:00	1/7	9:00-19:00	/	-	/	
1/19	9:00-17:00	1/28	9:00-18:00	1/8	9:00-17:00	/	-	/	
1/20	9:00-17:00	1/31	9:00-19:00	1/9	9:00-17:00	/	-	/	
1/21	9:00-17:00	6/11	9:00-17:00	1/10	9:00-17:00	/	-		Total Traveling Day(s):
									day(s)

Engineer's Report

ECX400 Machine Setup, wiring, Power Check
Magnet Vacuum check, Magnet Cooling Check
Magnetic field Energize
Probe spec check (TH5ATF92, HEXAT/F9, T10L)

* please note CLAIM number

Supplied Parts

Parts No.	Description	Type	Q'ty	Price/pc	Total

Customer's Comments;

Customer's Signature

Inspection

SHIZAWA HIDEO
JEOL engineer's Signature

OFFICE USE ONLY :			US\$/J¥	S.Rate
1. Engineering Fee	() hrs × ()			
2. Traveling Fee	() hrs × ()			
3. Travel Expense				
4. Staying Allowance				
(Lodging and meal)	() night × ()			
5. Parts				
6. Others				
Total				

SERVICE REPORT

Customer: SAMARA STATE TECHNICAL UNIVERSITY No.: _____

Engineer: intsumasy (218) Model: JNM-EX900 Serial No.: NH/2110044 Date: _____

1 ☐ Under guarantee	3 ☐ W/out svc contract	1 ☐ Modification	3 ☐ Instruction	5 ☒ Installation	7 ☐ Major Overhaul
2 ☐ With Service contract	4 ☐ Other	2 ☐ Breakdown	4 ☐ Other	6 ☐ Reinstallation	8 ☐ Minor Overhaul

Duration of Service

Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Travel
1/18	7:00-17:00	2/12	8:00-18:00	2/11	10:00-18:00	2/11	10:00-18:00	/	
1/19	8:00-18:30	2/13	9:00-18:30	2/15	10:00-18:00	2/12	10:00-18:00	/	
1/20	8:00-18:30	2/14	10:00-18:30	2/14	10:00-18:00	2/14	7:00-	/	
1/21	8:00-9:00	2/17	8:00-17:00	2/15	10:00-18:00	/	-	/	
1/20	14:00-15:00	2/18	9:00-18:00	2/16	10:00-18:00	/	-	/	
1/31	9:00-18:00	2/19	9:00-24:00	2/17	10:00-18:00	/	-	/	
2/1	7:00-18:00	2/10	10:00-18:30	2/18	10:00-18:00	/	-	Total Traveling Day(s):	23 day(s)

Engineer's Report

Super conducting Magnet. Repair (Boil off Rate Problem)

① Overhaul ② Re-assembly (Vacuum, pre cool, Magnetization)

Result → Improvement (Gas Flow: He: 220ml → 120ml/min N2: 2.2 → 1.08/min)

End of work.

※ please note CLAIM number

Supplied Parts

Parts No.	Description	Type	Q'ty	Price/pc	Total

Customer's Comments;

Customer's Signature

Inspection

JEOL engineer's Signature

OFFICE USE ONLY :

	US\$/JY	S.Rate
1. Engineering Fee () hrs × ()		
2. Traveling Fee () hrs × ()		
3. Travel Expense		
4. Staying Allowance		
(Lodging and meal) () night × ()		
5. Parts		
6. Others		
Total		

SERVICE REPORT

Customer: SAMARA STATE TECHNICAL UNIV No.: _____

Engineer: SHIZAWA Model: ECX400 Serial No.: _____ Date: 9. JUL. 2010

☐ 1 Under guarantee	☐ 3 W/out svc contract	☐ 1 Modification	☐ 3 Instruction	☐ 5 Installation	☐ 7 Major Overhaul
☐ 2 With Service contract	☐ 4 Other	☐ 2 Breakdown	☒ 4 Other	☐ 6 Reinstallation	☐ 8 Minor Overhaul

Duration of Service

Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Working Hour (s)	Date	Travel
6/14	9:00 - 16:30	6/23	9:00 - 16:30	7/1	9:00 - 20:00	/	-	/	
1/5	9:00 - 17:30	6/24	9:00 - 19:00	1/3	9:00 - 17:00	/	-	/	
1/6	9:00 - 17:30	6/25	9:00 - 18:30	1/5	9:00 - 21:00	/	-	/	
1/7	9:00 - 17:00	6/26	9:00 - 16:00	1/6	9:00 - 20:00	/	-	/	
1/8	9:00 - 17:00	12/8	9:00 - 20:00	1/7	9:00 - 20:00	/	-	/	
6/1	9:00 - 18:30	12/9	9:00 - 17:00	1/8	9:00 - 19:00	/	-	/	
6/2	9:00 - 17:00	1/30	9:00 - 20:00	1/9	9:00 - 16:00	/	-		
Total Traveling Day(s) :									day(s)

Engineer's Report

ECM Vacuum Check
He & N2 evaporation Check

* please note CLAIM number

Supplied Parts

Parts No.	Description	Type	Q'ty	Price/pc	Total

Customer's Comments;

Customer's Signature

Inspection

SHIZAWA
JEOL engineer's Signature

OFFICE USE ONLY :			US\$/J¥	S.Rate
1. Engineering Fee	() hrs	× ()		
2. Traveling Fee	() hrs	× ()		
3. Travel Expence				
4. Staying Allowance				
(Lodging and meal)	() night	× ()		
5. Parts				
6. Others				
Total				