

Table1. Equipment that only Technical staff members are allowed to operate

Equipment	Model	Person in charge		
		Main	Deputy	
Electron Probe Micro Analyzer(EPMA)	JXA-8530F	Abe	Uehara	

Table1. Equipment that needs Common equipment User Registration once

Equipment	Model	Person in charge		
		Main	Deputy	
Metallographic Preparation Room	Room 301, Main Building	Mizuta	Uehara	
Metallographic Room (Temporary)	Room 102, Cooperative Research Lab.	Endo	Uehara	
3-D fine structure analyzing system	NB-5000	Uehara	Endo	
Microscopic Laser Raman Spectrometer	ARAMIS LabSpec5	Mizuta	Uehara	
Micro X-Ray Diffractometer	D8 DISCOVER	Mizuta	Uehara	
Sample horizontal type X-ray diffraction system	UltimaIV/rs	Mizuta	Uehara	
Scanning Electron Microscope (with EBSD)	JSM-6400	Mizuta	Uehara	
Ion Sputter Coater	MSP-1S	Endo	Uehara	
Vacuum Evaporation Device	JEE-420T	Abe	Uehara	
Ultra-depth surface shape measurement system	VK-8550	Endo	Uehara	
Micro Hardness Tester (Vickers Hardness Tester)	HM-221	Endo	Uehara	
Hardness automatic testing system	AAV-502	Endo	Uehara	
Surface roughness measuring instrument	surfcom1400D	Endo	Uehara	
Scanning Electron Microscope	SU-70	Endo	Uehara	
Wire-electrical discharge machine	HS-300	Shinohara	Uehara	
Linear motor-operated wire-electrical discharge machine	AG360L	Shinohara	Uehara	
Large current discharge welding Device	Dr.SINTER SPS-1050	Shinohara	Uehara	
Vacuum Arc Melting Device	NEV-ADR-04	Endo	Uehara	
Universal Testing Machine (50t)	RH-50	Murai	Uehara	
High Temperature Fatigue Testing Machine	EFH-50-5-5	Murai	Uehara	
Charpy impact testing machine		Murai	Uehara	
Instron universal material testing machine	5500R	Murai	Uehara	

Table3. Equipment that needs User form every single time

Equipment	Model	Person in charge		
		Main	Deputy	
Fine turret type vertical milling machine	VHR-SD	Hanami	Uehara	
Universal band-sawing machine	SE-360	Hanami	Uehara	
Drilling Machine (Large)	YBD-450F	Hanami	Uehara	
Drilling Machine (Small)	Y80-360	Hanami	Uehara	
Lathe (Large)	TAL-510	Hanami	Uehara	
Lathe (Small)	TL-550G	Hanami	Uehara	
Sawing machine	PSB-350U	Hanami	Uehara	
Fine Cutter	HS-100	Hanami	Uehara	
Micro Cutter		Hanami	Uehara	
hi-speed cutting machine		Hanami	Uehara	
Shirring Machine	1200mm MechaShirring	Hanami	Uehara	
Shaping Machine	SU-610	Hanami	Uehara	
Grinder		Hanami	Uehara	
Bench Grinder		Hanami	Uehara	
Welding machine	KR-300	Hanami	Uehara	
Surface grinding machine	PSG-52A	Hanami	Uehara	
Rotary bandsaw	RB18	Hanami	Uehara	
Lab. For Common use/Beam Plasma Room (10 ton)		Uehara		
Lab. For Common use/ Structural Testing room East Crane (2.8 ton)		Mizuta	Murai	Uehara
Lab. For Common use/ Structural Testing room West Crane (2.8 ton)		Mizuta	Murai	Uehara
Lab. For Common use/Welding · Thermal Cutting Testing room Crane (2 ton)		Mizuta	Murai	Uehara
RAJA No.2 Crane (2.8 ton)		Mizuta	Murai	Uehara
RAJA No.2 Crane (1 ton)		Mizuta	Murai	Uehara
Power Lift (500kg)		Hanami	Murai	
Electric Lift Trucks (700kg)	FBD7	Hanami	Murai	