3) Low Image Density

Cause	Step	Check Item	Result	Action
PC Drum life	1	Does the PC Drum have enough service life?	NO	Change the PC Drum.
	2	Do the fan motors turn properly? (Ozone deterioration, temperature rise)	NO	Troubleshoot the fan motors.
PC Drum grounding failure	3	Is the PC Drum grounded properly?	NO	Clean or change the PC Drum Ground Plate.
Drum charge failure	4	Are the Comb Electrode and grid mesh normal?	NO	Check and change if necessary.
	5	Is the wiring between High Voltage Unit HV1 and the PC Drum Charge Corona normal?	YES	Change HV1.
			NO	Correct the wiring.
Optical failure	6	Are the mirrors and lenses dirty or covered with condensation?	YES	Clean the mirrors and lenses.
Image transfer failure	7	Is the Image Transfer Corona dirty?	YES	Clean the Image Transfer Corona or change the wire.
	8	Is the copy paper damp?	YES	Change the copy paper and instruct the user in how to store paper and to keep the copier plugged in during the night.
Developing failure	9	Is Db adjusted properly?	NO	Make Db adjustment.
	10	Are the Ds Rolls in contact with the PC Drum?	NO	Reinstall the Developing Unit.
	11	Is the developing bias contact normal?	NO	Clean or Change the developing bias contact.