A. Problems on FILM

Problem	Cause	Cure
1. D.max too low < D.4.00	a. Underexposure	Increase the exposure intensity
	b. Developing time too short	Increase developing time to 30s
	c. Dev replenish rate too low	Set the right amount or increase 20%
	d. Dev temperature too low	Increase to 35°C / 90°F
	e. Fix has been spilled in Dev	Rinse well and replace the developer,
	f. No Dev circulation	Check circulation in tank
2. Excessive dotgain	a. over-exposure	decrease the exposure intensity
	b. oxidised Developer	Rebatch Developer / increase Anti_ox Repl.
3. Black spots (sludge) (Washable with water)	Dev replenish rate too low	Increase to the prescribed amount increase with 20%
4. White spots turn black after exposure (not removable)	Fix replenish rate too low	Increase to the prescribed amount increase with 20%
5. White spots (removable)	Rinsing water too hard	Install water softener
6. Films turn to Yellow (unexposed areas)	Poor washing	Check the wash water in the processor Replace the water if too dirty. Increase replenishment to min. 2000ml/m². Increase watertem to above 10°C = 50°F.
7. One colour separation does not fit to the other separations	Different processing (dryer) conditions	Rewash (and dry) the 4 separations again under the same conditions. See chapter dimensional stability.

B. Problems in PROCESSOR

Problem	Cause	Cure
1. Crystals on dev exit rollers	Dev level too low	Contact service department
2. Crystals between roller and plate.	Crystallisation of Dev	Clean tank on regular base
3. Fixer has a colour (yellow, blue or green)	Em. and backlayer dyes colours the fixer	Colour is normal and has no influence on processed film
4. White slime in fixer	Aluminium/gel composite due to extensive hardener	Use only hardener if drying is insufficient
5. Crystals on Fix exit rollers	Fix replenish rate too low	Increase to 300ml/m² - 50% int
6. Fix pH >6	Fix replenish rate too low	Increase to 300ml/m² - 50% int
7. Ammonia smell in drain	Mix of Dev and Fix	Inspect connections
8. Algae in water tank	lack of anti-algae product	Clean with Hypochloride (bleach)