

PLANNING BASIC JOB PLAN VALVE CHECK LIST

Problem	Possible Causes	Check
Valve Gland leakage	Packing Loose	
	Packing at end of life	
	Valve Stem Damage	
	Wrong Packing	
	Improperly installed gland follower	
Body Bonnet Leaking	Crushed gasket	
	Damage fibers	
	Wrong Gasket Material	
	Dirt in bonnet and gasket	
	Damaged Body	
	Improperly installed bonnet bolts	
	Gasket at end of life	
Gate valve hard to turn	Packing Gland too tight	
	Over installed packing	
	Misaligned piping	
	Valve stem is bent	
	Improperly size operator	
	Damaged stem threads	
	Valve binding due to temperature difference	
Gate Valve Chattering	Used as a flow throttling device	
	Valve not opened 100% for various reason	
	Piping distortion	
	A Natural vibration frequency	
	Stem Lock nut loose	
Globe Valve Leaking By	Erosion in Seat	
	Too Wide of Seat	
	Wrong Design	
Intermittent valve leakage	Misalignment due to bent shaft	
	Disc off –center	
	Nut too tight – for self centered Seat	
Screw Bonnet Loosing repeatedly	Valve – backed seated too tightly	
	Missing lock screw	
	Bonnet nut not torque properly	