



*Motor Operated Valve Diagnostic, Repair,
Service and Training Center*

Fossil Fuel Generating Plant Preventive Maintenance Inspection Guidelines Check Sheet

PLANT:	_____	MOTOR START FT.LB.:	_____
UNIT:	_____	MOTOR RUN FT.LB.:	_____
MOV ID:	_____	MOTOR SPEED:	_____
MOV NOUN NAME:	_____	MOTOR VOLTAGE:	_____
ACTUATOR TYPE:	_____	SIZE:	_____
ORDER NUMBER:	_____	MOTOR NOM AMPS:	_____
SERIAL NUMBER:	_____	MOTOR LR AMPS:	_____

STEP

COMPLETED

1.0 Mechanical Preventative Maintenance Guidelines

- | | |
|---------------------------------------|-------|
| 1.1 Valve Stem Lubricant | _____ |
| 1.2 Main Gearbox Lubricant Sampling | _____ |
| 1.3 Visual Lubricant Analysis | _____ |
| 1.4 Limit Switch Lubricant Inspection | _____ |
| 1.5 Thrust Base Lubricant | _____ |
| Actuator Lubrication | _____ |

STEP

COMPLETED

2.0 Electrical Preventative Maintenance Guidelines

2.1 General Inspection

2.2 Limit Switch Inspection

2.3 Torque Switch Inspection

2.4 Motor Terminal Inspection

2.5 Heater Inspection

2.6 Exterior Motor Inspection

3.0 Housing Integrity Inspection

3.1 Upper Housing Inspection

3.2 Thrust Base Inspection

3.3 Yoke Inspection

3.4 Fastener Inspection

Comments / Discrepancies: VALVE POSITION & CONTROL MODE - START- _____ % OPEN - LOCAL/REMOTE/NA

HANDWHEEL OPERATION- SAT / UNSAT

CYCLE FULL TRAVEL - LOCAL CONTROL- SAT / UNSAT

CYCLE FULL TRAVEL - REMOTE CONTROL- SAT / UNSAT

VALVE POSITION & CONTROL MODE - END OF MAINTENANCE- _____ % OPEN - LOCAL/REMOTE/NA

Performed By: _____

Date: _____