

# BRUSH RIGGING INSPECTION WORKSHEET

PLANT NAME		INSPECTED BY		DATE INSPECTED
UNIT NAME	GENERATOR MANUFACTURER & MODEL	NUMBER OF BRUSHES INSTALLED	EXCITATION/FIELD AMPS AT TIME OF INSPECTION	

**PICTURE TAKEN?**

**EVIDENCE OF PROBLEMS**

HIGH

MODERATE

NO CONCERN

**BRUSH EXCITATION HOUSING/ENCLOSURE**

Contaminants				
Air Filters				
Arcing				

**RINGS – USE STROBE LIGHT SET TO MATCH RPM**

Photographing/Ghosting Marks				
Grooving/Wear				
Helical Groove Depth (> 0.035")				

**HOLDERS**

Electrical Erosion				
Carbon Deposits				

**BRUSHES**

Chipping/Breaking				
Binding				
Contact Surface				
Uneven Brush Surface Wear				
Contaminants				

**SPRINGS**

Condition				
Springs last replaced?	MM / YYYY			

**LEADS & TERMINALS**

Discolored/Overheated				
Broken/Frayed/Damaged				

**BRUSH AMPERAGE READINGS**

**GENERATOR SIDE**

INBOARD (IB)							← SHAFT →						
OUTBOARD (OB)							← SHAFT →						

NUMBER OF BRUSHES CARRYING LOW/NO CURRENT \_\_\_\_\_

**VIBRATION READINGS**  
(MILS DISPLACEMENT, PEAK-TO-PEAK)

**GENERATOR SIDE**

INBOARD (IB)							← SHAFT →						
OUTBOARD (OB)							← SHAFT →						

INBOARD RIGGING VIBRATION \_\_\_\_\_

OUTBOARD RIGGING VIBRATION \_\_\_\_\_