



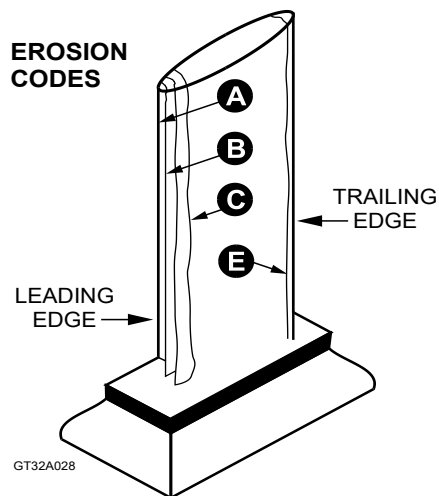
INSPECTION REPORT
Gas Turbine Maintenance

Compressor

MS 3002, 5001, 5002, 6001, 6001F, 7001, 7001F, 9001, 9001F

Blades & Vanes – Clearances

Date _____ Turbine S/N _____ Prepared by _____
Job # _____ Sketches Enclosed _____ Photos Enclosed _____
Data Type _____



CONDITION CHECKS

- 1. EROSION OF COMPRESSOR ROTOR BLADES/VANES:**
Label each stage as either N (None), "A", "B" or "C" for leading edge erosion.
- 2. THICKNESS OF TRAILING EDGE:**
Measure and record the trailing edge thickness of one blade/vane per stage. If the trailing edges are eroded, enter an "E" after the reading. If no erosion is evident, mark "N" for None after the reading.
- 3. CRACKS:**
Check for cracks and mark "N" for No cracks, or mark the number of cracked blades/vanes per stage. Note: Disposition of cracked blades/vanes should include an engineering judgement as to the continued use or replacement of any blade.
- 4. CORROSION:**
Make a quantitative judgment of the degree of corrosion observed. Label each stage as either "N" (none), "L" (light), "M" (medium) or "S" (severe). If possible, attach a colored photograph of the corroded area to this report form.

Stator Vane Kit No.: _____

Blades Kit No.: _____

COMPRESSOR DEPOSITS:

NONE

DRY

SOOTY

OILY

STAGE	EROSION		TRAILING EDGE		CRACKS		CORROSION	
	ROTOR BLADES	STATOR VANES	ROTOR BLADES	STATOR VANES	ROTOR BLADES	STATOR VANES	ROTOR BLADES	STATOR VANES
1			mm	mm				
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
EGV 1								
EGV 2								

Comments

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