

INSPECTION REPORT

NOTICE: Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T M.D.

ISE/GT-FF 6022
FOR FIELD USE ONLY

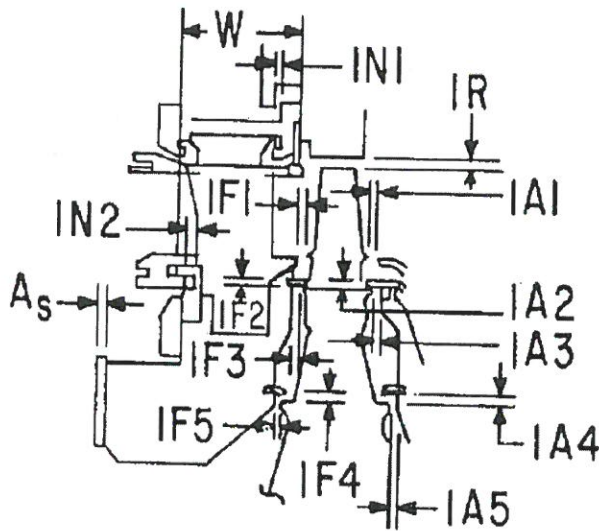
GAS TURBINE MAINTENANCE

MS 5001 Turbine Rotor Clearances

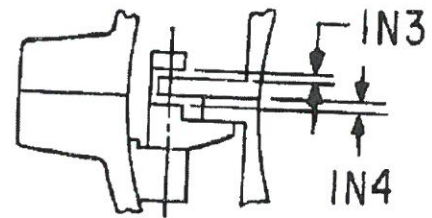
FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.10.29

SKETCHES ENCLOSED: YES NO

PHOTOS ENCLOSED: YES NO



FIRST STAGE TURBINE

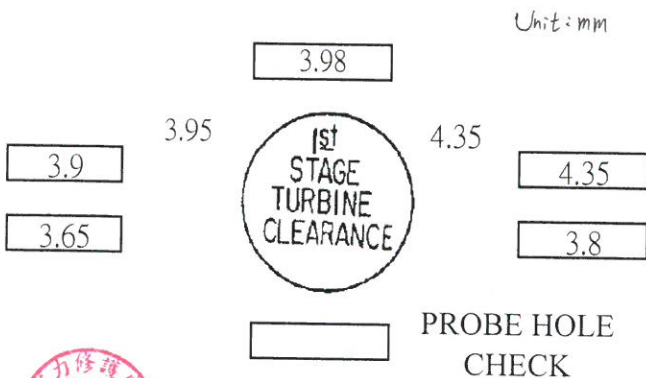


FIRST STAGE NOZZLE CLAMP

Unit: mm

| 1ST STAGE S/N | | | | | | | | | |
|---------------|---------|-------|-------|-------|-----|---------|-------|-------|-------|
| | INITIAL | | FINAL | | | INITIAL | | FINAL | |
| | Left | Right | Left | Right | | Left | Right | Left | Right |
| W | 132.0 | 132.1 | | | IF4 | 2.3 | 2.2 | | |
| IN1 | 1.5 | 1.3 | | | IF5 | 6.9 | 6.9 | | |
| IN2 | | 2.3 | | | 1A1 | 8.0 | 8.2 | | |
| IN3 | 0.45 | 0.2 | | | 1A2 | 5.2 | 4.8 | | |
| IN4 | 0.4 | 0.55 | | | 1A3 | 9.3 | 9.5 | | |
| R | 3.65 | 3.8 | | | 1A4 | 5.2 | 5.0 | | |
| IF1 | 4.6 | 5.3 | | | 1A5 | 8.5 | 8.0 | | |
| IF2 | 2.6 | 2.6 | | | AS | 7.6 | 7.8 | | |
| IF3 | 4.7 | 4.6 | | | | | | | |

After all upper casings are bolted in place and the unit placed on its own supports, the first stage rotor tip clearances are to be measured and recorded below when probe holes exist.



COMMENTS: *Measurement IN1 is somewhat high. We have to see upon the closing measurements of IR*

(Continued on back of form)

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed and approved 11/2/2016

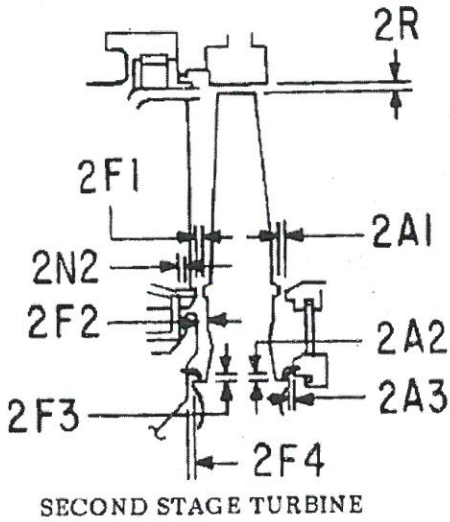
Juan Castellanos GE

INSPECTION REPORT

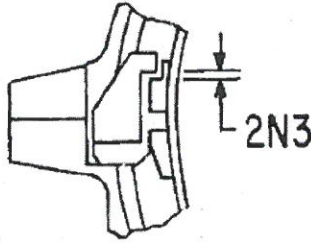
GAS TURBINE MAINTENANCE

MS 5001 Turbine Rotor Clearances

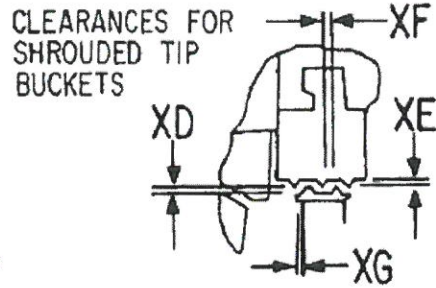
Dededo #1



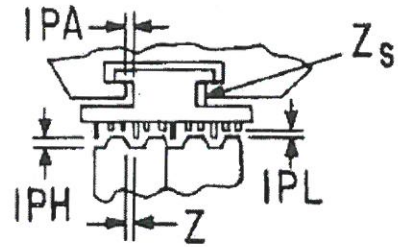
SECOND STAGE TURBINE



SECOND STAGE NOZZLE CLAMP



CLEARANCES FOR SHROUDED TIP BUCKETS

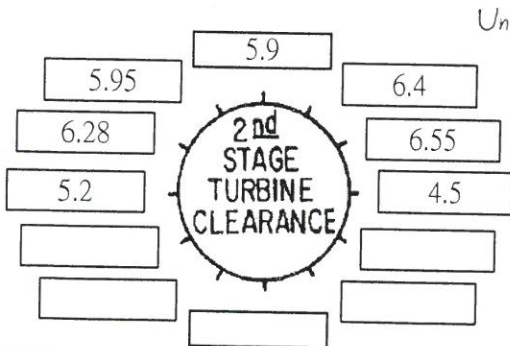


SECOND STAGE PACKING SEALS

Unit: mm

| 2ND STAGE S/N | | | | | | | | | |
|---------------|---------|-------|-------|-------|---------------|---------|-------|-------|-------|
| | INITIAL | | FINAL | | | INITIAL | | FINAL | |
| | Left | Right | Left | Right | | Left | Right | Left | Right |
| 2N2 | NA | NA | | | ZX | 9.3 | 10.3 | | |
| 2N3 | NA | NA | | | Zs | NA | NA | | |
| 2R | 5.2 | 4.5 | | | IPA | NA | NA | | |
| 2F1 | 10.6 | 11.1 | | | IPH | 4.5 | 4.6 | | |
| 2F2 | 13.9 | 13.3 | | | IPL | 4.4 | 4.9 | | |
| 2F3 | 3.25 | 3.5 | | | XD | 6.6 | 6.7 | | |
| 2F4 | 11.6 | 11.2 | | | XE | 5.2 | 4.5 | | |
| 2A1 | 9.1 | 10.5 | | | XF | 12.3 | 13.3 | | |
| 2A2 | 6.8 | 7.0 | | | XG | 6.7 | 6.1 | | |
| 2A3 | 12.9 | 12.9 | | | | | | | |

After all upper casings are bolted in place and the unit placed on its own supports, the second stage rotor tip clearances are to be measured using feeler gages and recorded below.



Unit: mm

COMMENTS: 2N2, 2N3, 2F2 & 2R - not applicable for this blades / PL
 2F3, 2F4, 2A1 & 2A2 are out of tolerance, probably seals have some wear / PL
 XF - is out of tolerance - Probably the measurement was not right / PL



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

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GAS TURBINE MAINTENANCE

MS 5001 Turbine Rotor Clearances

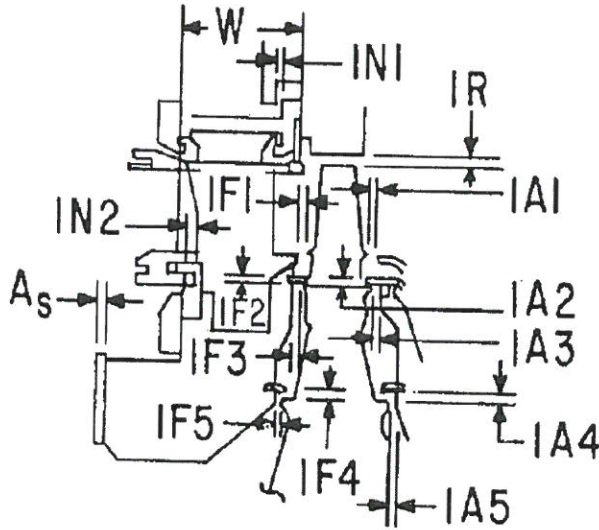
FSR NO. _____

TURBINE NO. 05620 (Dededo #1)

DATE 2016.11.15

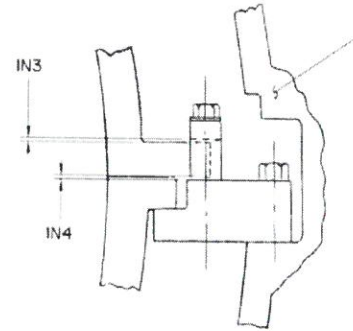
SKETCHES ENCLOSED: YES NO

PHOTOS ENCLOSED: YES NC



FIRST STAGE TURBINE

1. All axial clearances are to be measured with the rotors in contact with the loaded thrust faces.
2. All views with turbine flow.
3. Refer to clearance diagram for specified dimensions.



VIEW AT 1ST. STA NOZZLE CLAMP ARRANGEMENT

| 1ST STAGE S/N | | | | | | | | | |
|---------------|---------|-------|-------|-------|-----|---------|-------|-------|-------|
| | INITIAL | | FINAL | | | INITIAL | | FINAL | |
| | Left | Right | Left | Right | | Left | Right | Left | Right |
| W | 132.0 | 132.1 | 133.8 | 134.0 | 1F4 | 2.3 | 2.2 | 2.4 | 2.3 |
| IN1 | 1.5 | 1.3 | 3.6 | 5.3 | 1F5 | 6.9 | 6.9 | 7.5 | 7.3 |
| IN2 | | 2.3 | 5.0 | 3.2 | 1A1 | 8.0 | 8.2 | 7.0 | 8.5 |
| IN3 | 0.45 | 0.2 | 0.38 | 0.10 | 1A2 | 5.2 | 4.8 | 4.4 | 4.75 |
| IN4 | 0.4 | 0.55 | 0.35 | 0.70 | 1A3 | 9.3 | 9.5 | 8.3 | 9.5 |
| R | 3.65 | 3.8 | 3.85 | 4.32 | 1A4 | 5.2 | 5.0 | 4.55 | 4.85 |
| IF1 | 4.6 | 5.3 | 5.7 | 5.3 | 1A5 | 8.5 | 8.0 | 9.8 | 10.8 |
| IF2 | 2.6 | 2.6 | 2.8 | 2.8 | AS | 7.6 | 7.8 | 7.7 | 7.7 |
| IF3 | 4.7 | 4.6 | 5.9 | 5.7 | | | | | |

After all upper casings are bolted in place and the unit placed on its own supports, the first stage rotor tip clearances are to be measured and recorded below when probe holes exist.

Unit: mm

2016.11.14 4.1

4.3

3.85

4.4

4.32

4.22 4.17

4.16

PROBE HOLE CHECK

COMMENTS: *-IN1 is very high compared to spec. Looks like the nozzle is different that the one on the clearance diagram*

Witnessed & Revised by: *[Signature]* 11/21/2016

Duan Castellanos GE

量測者: 林宗賢、藍世臻、曾成毅



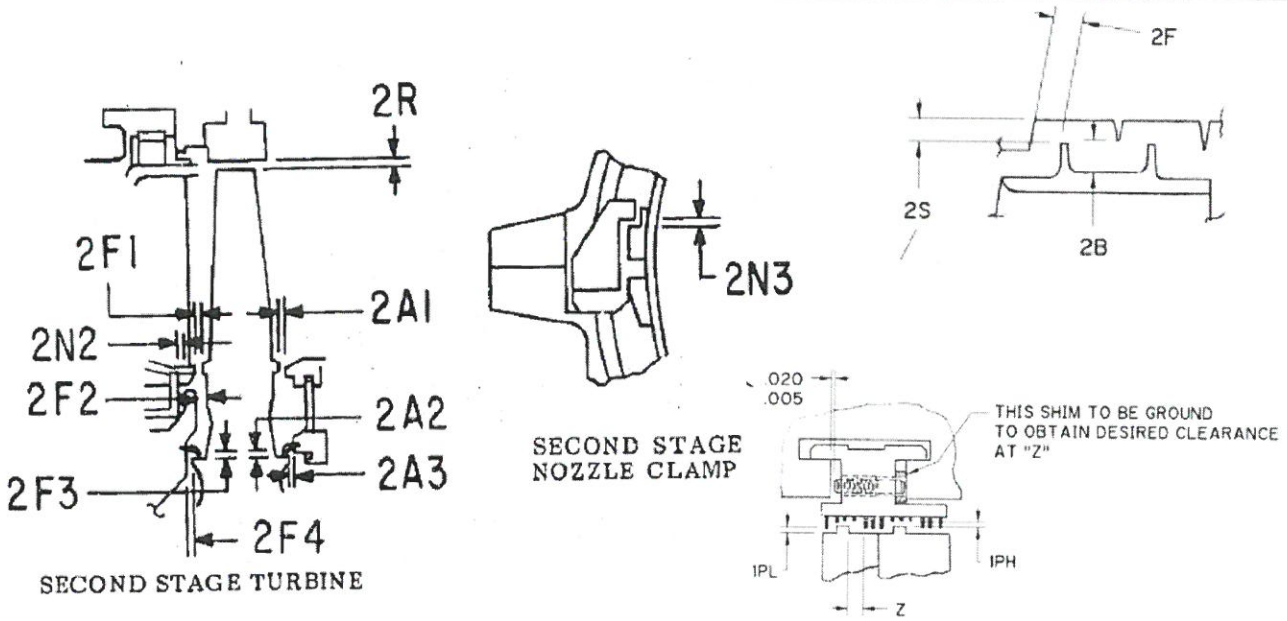
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NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

INSPECTION REPORT

GAS TURBINE MAINTENANCE

MS 5001 Turbine Rotor Clearances

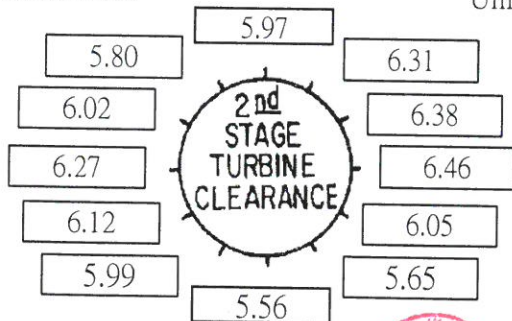


| 2ND STAGE S/N | | | | | | | | | |
|---------------|---------|-------|-------|-------|--------|---------|-------|-------|-------|
| | INITIAL | | FINAL | | | INITIAL | | FINAL | |
| | Left | Right | Left | Right | | Left | Right | Left | Right |
| 2N2 | NA | NA | NA | NA | Z | 9.8 | 10.3 | 9.2 | 9.6 |
| 2N3 | NA | NA | NA | NA | Zs | NA | NA | NA | NA |
| 2R | 5.2 | 4.5 | 5.3 | 5.0 | IPA | NA | NA | NA | NA |
| 2F1 | 10.6 | 11.1 | 11.2 | 10.4 | IPH | 4.5 | 4.6 | 4.85 | 5.1 |
| 2F2 | 13.9 | 13.3 | 14.5 | 13.5 | IPL | 4.4 | 4.9 | 3.8 | 4.0 |
| 2F3 | 3.25 | 3.5 | 3.4 | 3.5 | XD(2B) | 6.6 | 6.7 | 6.8 | 6.7 |
| 2F4 | 11.6 | 11.2 | 12.4 | 11.2 | XE(2S) | 5.2 | 4.5 | 5.5 | 5.0 |
| 2A1 | 9.1 | 10.5 | 9.8 | 11.3 | XF(2F) | 12.3 | 13.3 | 6.2 | 5.8 |
| 2A2 | 6.8 | 7.0 | 6.7 | 6.9 | XG | NA | NA | NA | NA |
| 2A3 | 12.9 | 12.9 | 13.5 | 13.9 | | | | | |

After all upper casings are bolted in place and the unit placed on its own supports, the second stage rotor tip clearances are to be measured using feeler gages and recorded below.

2016.11.21

Unit: mm



COMMENTS: *R is not applicable on this turbine*
- Zs + IPA are not applicable on this turbine. The nozzle is of a different kind.
 Witnessed + Approved
[Signature] 11/21/16
Juan Castellanos GE



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

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GAS TURBINE MAINTENANCE

MS 5000 Series 1st-stage Nozzle & Support Ring (General Conditions and Ellipticity)

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.9
 SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO

FIRST STAGE NOZZLE

COMPONENT S/N (on outer ring) _____ Nozzle Arrangement Dwg. N. _____
 Has this nozzle stage been replaced during the life of the gas turbine unit?
 NO YES - At _____ fired hours.

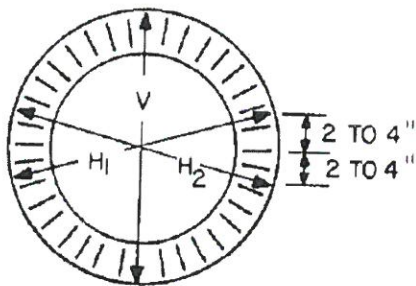
GENERAL SURFACE EFFECTS - Check (v) appropriate column.

| | NONE | LIGHT | MED. | HEAVY | COMMENTS |
|---------------|------|-------|------|-------|----------|
| DEPOSITS | V | | | | |
| CORROSION | V | | | | |
| EROSION | V | | | | |
| NICKS & DENTS | V | | | | |

DEPOSITS/ CORROSION:

Laboratory Analysis of Deposit/Corrosion Material Attached to Report: YES NO

ELLIPTICITY:



Vertical dimension V = 1608.5 mm
 Horizontal dimension H (Average of H₁ and H₂) = 1605.25 mm
 (H₁:1605.00 ; H₂:1605.50)
 Ellipticity (difference between H and V) = 3.25 mm

Unit: mm

DISPOSITION OF NOZZLE:

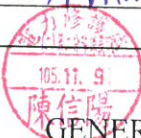
- No repair or replacement necessary.
- Repaired. - NOTE: If nozzle repaired, specify weld rod used _____
 Repaired (On-site, Vendor or GE Service Shop).
- Replaced with new component.

COMMENTS: - Visual inspection & NDT is reported on the NDT reports (separate)
- The ellipticity is 0.71 mm higher. No major concern on this.

(Continued on back of form)

量測者: 吳木榮、翁漢陽、陳信陽

ES-GAS-D7.A1.12 Rev. 1(9/78)



GENERAL ELECTRIC



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed & Approved
Juan Castellanos 11/10/2016

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GAS TURBINE MAINTENANCE

MS 5000 Series Compressor Rotor Clearances

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.10.29

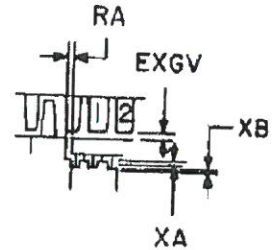
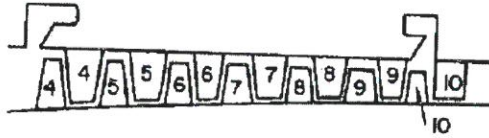
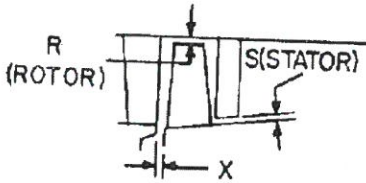
SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO

Opening Clearances
Closing Clearances

- All axial clearances are to be measured with rotor in forward position against the loaded thrust face.
- Refer to clearance diagram for specified dimensions.
- Take readings with rotor positioned as follows:
 - Position 1L with #1 bolt hole of comp. rotor at left horizontal joint.
 - Position 1R with #1 bolt hole of comp. rotor at right horizontal joint.
- After all upper casings are bolted in place and the unit placed on its own supports, the rotor tip clearances are to be measured and recorded at the right below. All views are with turbine flow.



POSITION 1 WITH #1 BOLT HOLE OF COMP ROTOR AT LEFT



COMPRESSOR STUB SHAFT S/N
16TH STAGING WHEEL S/N

| Stage | 1L | 1R | Stage | 1L | 1R |
|-------|------|------|-------|------|------|
| RO* | 0.9 | 1.0 | R11 | 0.9 | 1.0 |
| SO* | 1.2 | 1.2 | S11 | 0.8 | 0.9 |
| R1 | 0.95 | 0.95 | R12 | 1.1 | 0.9 |
| S1 | 1.2 | 1.35 | S12 | 0.8 | 0.8 |
| R2 | 0.95 | 1.25 | R13 | 1.35 | 1.3 |
| S2 | 0.95 | 1.25 | S13 | 1.05 | 0.9 |
| R3 | 0.8 | 1.1 | R14 | 1.35 | 1.2 |
| S3 | 1.05 | 1.4 | S14 | 1.15 | 1.1 |
| R4 | 0.7 | 0.85 | R15 | 1.25 | 1.2 |
| S4 | 0.75 | 0.9 | S15 | 1.15 | 1.05 |
| R5 | 0.9 | 1.05 | R16 | 1.10 | 1.2 |
| S5 | 0.8 | 1.0 | S16 | 0.35 | 0.15 |
| R6 | 0.9 | 1.25 | EXGV1 | 0.35 | 0.2 |
| S6 | 0.8 | 1.1 | EXGV2 | 0.35 | 0.2 |
| R7 | 1.0 | 1.25 | X | 4.3 | 4.2 |
| S7 | 0.9 | 1.1 | XA | 1.25 | 1.4 |
| R8 | 0.95 | 1.2 | XB | 1.2 | 1.4 |
| S8 | 0.8 | 0.9 | RA | 11.7 | 11.6 |
| R9 | 0.95 | 0.9 | | | |
| S9 | 0.8 | 0.8 | | | |
| R10 | 0.9 | 0.75 | | | |
| S10 | 0.8 | 0.7 | | | |

2016.10.25 Unit: mm

0.75 0.9

PROBE HOLE CHECK

PROBE HOLE CHECK

*MS5001 N, P, & MS5002 B
ES-GAS-D7.A1.23 Rev. 1 (9/78)



GENERAL ELECTRIC



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Note: This measurements were taken without rotating the rotor. *[Signature]*
11/2/2016
Juan Castellanos

INSPECTION REPORT

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GAS TURBINE MAINTENANCE

MS 5000 Series Compressor Rotor Clearances

FSR NO. _____ TURBINE NO. 05620 *Dedeo #1* DATE 2016.11.1

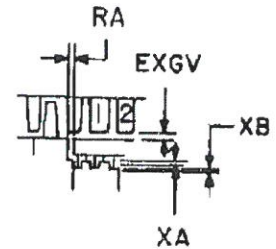
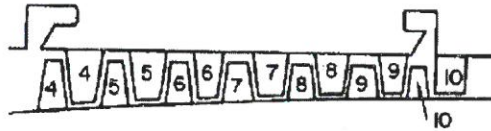
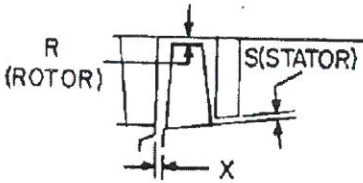
SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO

Opening Clearances *APL*
Closing Clearances

- All axial clearances are to be measured with rotor in forward position against the loaded thrust face.
- Refer to clearance diagram for specified dimensions.
- Take readings with rotor positioned as follows:
 - Position 1L with #1 bolt hole of comp. rotor at left horizontal joint.
 - Position 1R with #1 bolt hole of comp. rotor at right horizontal joint.
- After all upper casings are bolted in place and the unit placed on its own supports, the rotor tip clearances are to be measured and recorded at the right below. All views are with turbine flow.



POSITION 1 WITH #1 BOLT HOLE OF COMP ROTOR AT LEFT



COMPRESSOR STUB SHAFT S/N
16TH STAGING WHEEL S/N

| Stage | 1L | 1R | Stage | 1L | 1R |
|-------|------|------|-------|------|------|
| RO* | 1.0 | 1.10 | R11 | 1.0 | 1.0 |
| SO* | 1.0 | 1.25 | S11 | 0.9 | 0.8 |
| R1 | 0.9 | 1.20 | R12 | 1.0 | 0.95 |
| S1 | 1.25 | 1.45 | S12 | 0.85 | 0.8 |
| R2 | 0.8 | 1.25 | R13 | 1.0 | 0.95 |
| S2 | 1.0 | 1.40 | S13 | 1.05 | 0.8 |
| R3 | 1.0 | 1.25 | R14 | 1.15 | 1.1 |
| S3 | 1.10 | 1.6 | S14 | 1.0 | 1.35 |
| R4 | 0.8 | 0.9 | R15 | 1.15 | 1.2 |
| S4 | 0.8 | 0.95 | S15 | 1.05 | 1.15 |
| R5 | 0.85 | 1.0 | R16 | 1.15 | 1.2 |
| S5 | 0.9 | 1.0 | S16 | 0.35 | 0.15 |
| R6 | 0.95 | 1.25 | EXGV1 | 0.35 | 0.2 |
| S6 | 0.8 | 1.05 | EXGV2 | 0.35 | 0.2 |
| R7 | 0.95 | 1.30 | X | 4.3 | 4.2 |
| S7 | 1.0 | 1.1 | XA | 1.25 | 1.4 |
| R8 | 0.95 | 1.2 | XB | 1.2 | 1.4 |
| S8 | 0.85 | 0.85 | RA | 11.7 | 11.6 |
| R9 | 0.9 | 0.9 | | | |
| S9 | 0.8 | 0.8 | | | |
| R10 | 0.8 | 0.8 | | | |
| S10 | 0.85 | 0.6 | | | |

2016.10.25

1.15 Unit: mm

1.15 1.52

1 1.48

0.95

0.75 0.9

0.63

PROBE HOLE CHECK

2016.10.29

1.73

1.5 1.9

1.66

7th STAGE COMPRESSOR CLEARANCE

PROBE HOLE CHECK

2016.10.29

2.5

1.7 2.55

2.00

15th STAGE COMPRESSOR CLEARANCE

量測者：陳信陽、林宗賢

*MS5001 N, P, & MS5002 B

ES-GAS-D7.A1.23 Rev. 1 (9/78) GENERAL ELECTRIC

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed and approved 11/3/2016

Juan Castellanos GE

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GAS TURBINE MAINTENANCE

MS 5000 Series Compressor Rotor Clearances

FSR NO. _____

TURBINE NO. 05620 (Dededo #1)

DATE 2016.11.14

SKETCHES ENCLOSED: YES NO

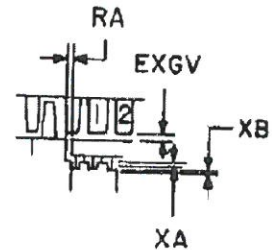
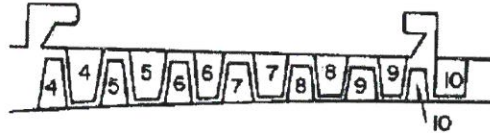
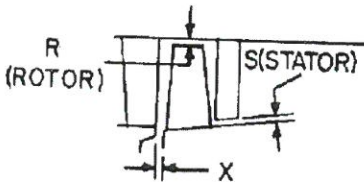
PHOTOS ENCLOSED: YES NO

- Opening Clearances
Closing Clearances

- All axial clearances are to be measured with rotor in forward position against the loaded thrust face.
- Refer to clearance diagram for specified dimensions.
- Take readings with rotor positioned as follows:
 - Position 1L with #1 bolt hole of comp. rotor at left horizontal joint.
 - Position 1R with #1 bolt hole of comp. rotor at right horizontal joint.
- After all upper casings are bolted in place and the unit placed on its own supports, the rotor tip clearances are to be measured and recorded at the right below. All views are with turbine flow.



POSITION 1 WITH #1 BOLT HOLE OF COMP ROTOR AT LEFT



COMPRESSOR STUB SHAFT S/N
16TH STAGING WHEEL S/N

| Stage | 1L | 1R | Stage | 1L | 1R |
|-------|------|------|-------|------|------|
| RO* | 0.95 | 0.90 | R11 | 1.1 | 0.9 |
| SO* | 1.15 | 1.20 | S11 | 0.8 | 0.85 |
| R1 | 0.95 | 1.05 | R12 | 1.1 | 0.9 |
| S1 | 1.15 | 1.35 | S12 | 0.9 | 0.85 |
| R2 | 0.95 | 1.20 | R13 | 0.95 | 0.95 |
| S2 | 1.25 | 1.25 | S13 | 0.85 | 0.95 |
| R3 | 1.0 | 1.10 | R14 | 1.25 | 1.15 |
| S3 | 0.90 | 1.25 | S14 | 1.0 | 1.25 |
| R4 | 1.0 | 1.0 | R15 | 1.25 | 1.2 |
| S4 | 0.85 | 0.9 | S15 | 1.15 | 1.15 |
| R5 | 0.85 | 0.95 | R16 | 1.1 | 1.2 |
| S5 | 0.8 | 1.10 | S16 | 0.35 | 0.15 |
| R6 | 1.0 | 1.20 | EXGV1 | 0.3 | 0.2 |
| S6 | 0.9 | 1.0 | EXGV2 | 0.38 | 0.25 |
| R7 | 0.95 | 1.2 | X | 4.0 | 4.1 |
| S7 | 1.0 | 1.0 | XA | 1.1 | 1.4 |
| R8 | 1.0 | 1.2 | XB | 1.05 | 1.4 |
| S8 | 0.8 | 0.85 | RA | 12.1 | 11.9 |
| R9 | 0.95 | 0.95 | | | |
| S9 | 0.8 | 0.7 | | | |
| R10 | 0.9 | 0.85 | | | |
| S10 | 0.75 | 0.7 | | | |

1.15 Unit: mm

1.07 L "0" STAGE COMPRESSOR CLEARANCE R 1.04
1.02 R 1.00

0.80 PROBE HOLE CHECK
2.10

1.60 L 7th STAGE COMPRESSOR CLEARANCE R 1.56
1.60 R 1.56

0.54 PROBE HOLE CHECK
1.50

1.66 L 15th STAGE COMPRESSOR CLEARANCE R 1.83
1.66 R 1.83

1.35

量測者: 陳信陽、林宗賢、藍世臻

*MS5001 N, P, & MS5002 B



ES-GAS-D7.A1.23 Rev. 1 (9/78)

GENERAL ELECTRIC



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Comments: R11 to R16 are a little too tight but there is no evidence of heavy rubbing.

Witnessed + Reviewed *[Signature]* Juan Castellanos GE
11/15/2016

INSPECTION REPORT

GAS TURBINE MAINTENANCE

MS 5001 RUN OUT

FSR NO.

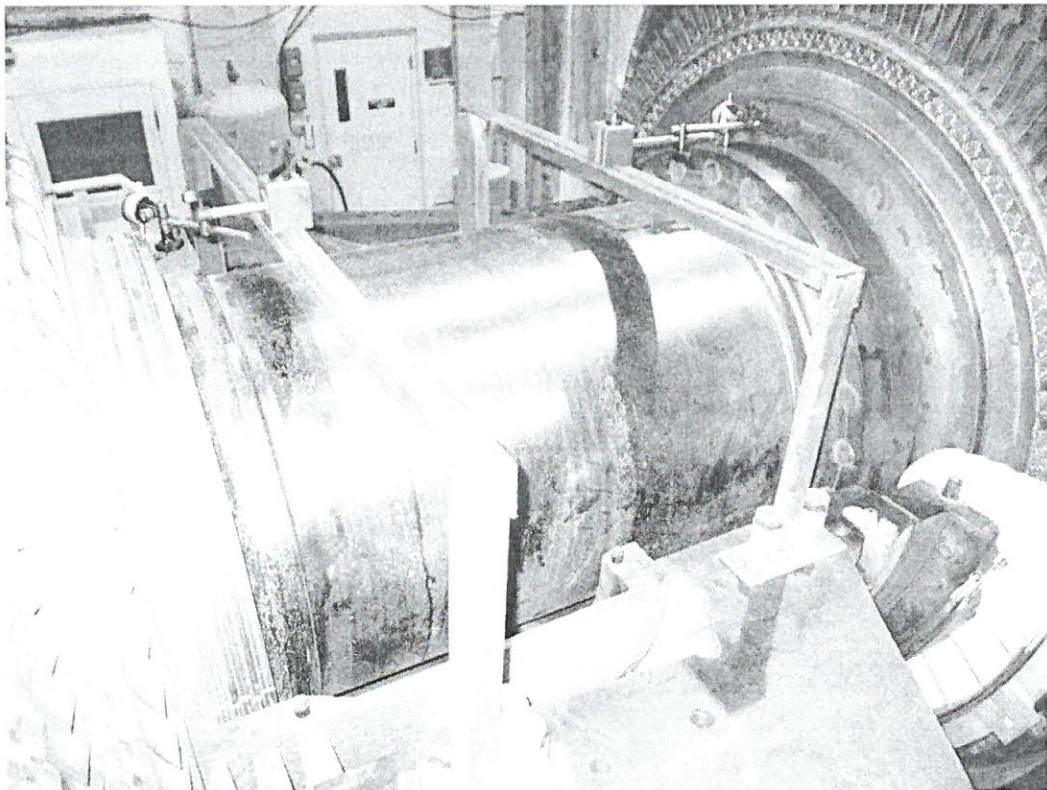
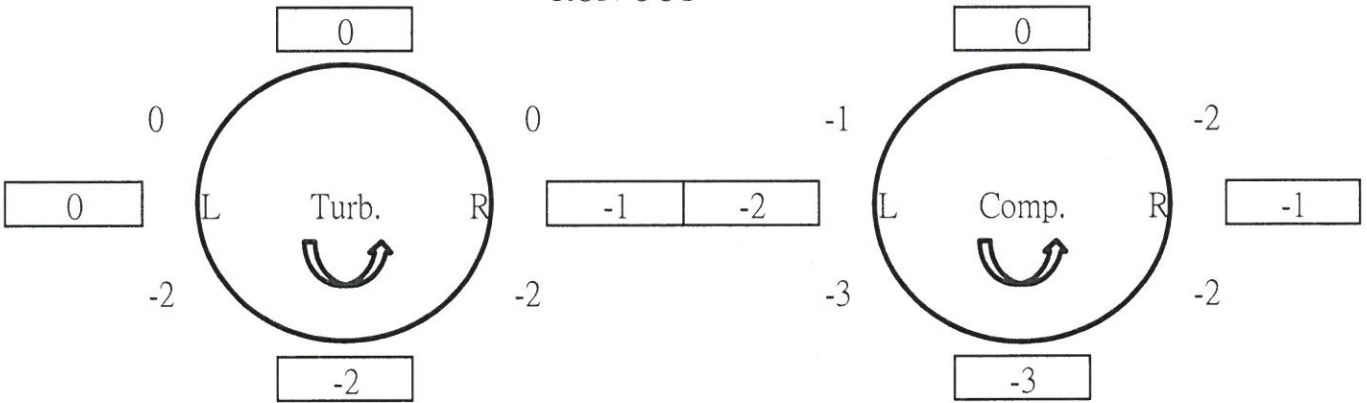
TURBINE NO. 05620 (Dededo #1)

DATE: 2016.11.1

Unit: 1/100 mm

| Angle | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | 360 |
|-------|---|----|----|-----|-----|-----|-----|-----|-----|
| Turb. | 0 | 0 | 0 | -2 | -2 | -2 | -1 | 0 | 0 |
| Comp. | 0 | -1 | -2 | -3 | -3 | -2 | -1 | -2 | 0 |

RUN OUT



Comp.

Turb.



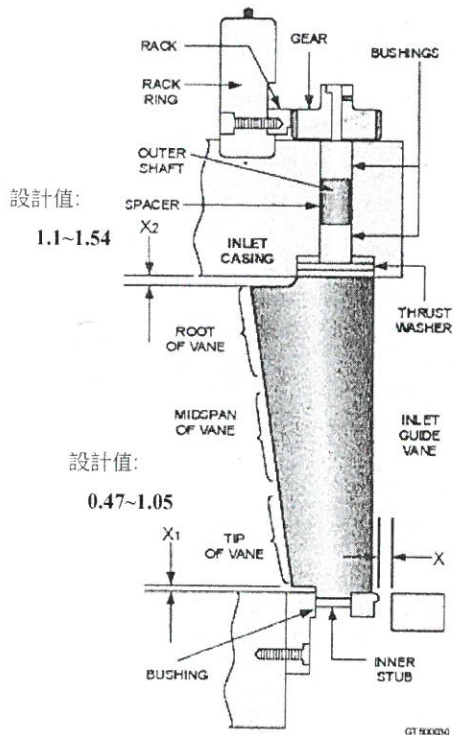
Run out is good. Witnessed & reviewed 11/1/2016
Juan Castellanos
 Juan Castellanos

I.G.V.葉片間隙

檢修日期:2016.11.4

氣渦輪機序號:05620 (Dededo #1)

單位:mm



| | | |
|----|---|---|
| 位置 | R | L |
| X | | |

| | X1 | X2 | 齒隙 | | X1 | X2 | 齒隙 |
|----|------|------|------|----|------|------|------|
| 1 | 1.2 | 1.0 | 0.1 | 33 | 1.7 | 0.7 | 0.45 |
| 2 | 1.3 | 0.9 | 0.15 | 34 | 1.75 | 0.75 | 0.58 |
| 3 | 1.2 | 0.95 | 0.15 | 35 | 1.7 | 0.8 | 0.5 |
| 4 | 1.3 | 1.0 | 0.12 | 36 | 1.65 | 0.8 | 0.52 |
| 5 | 1.5 | 1.0 | 0.1 | 37 | 1.6 | 0.75 | 0.43 |
| 6 | 1.3 | 1.0 | 0.14 | 38 | 1.65 | 0.7 | 0.43 |
| 7 | 1.3 | 1.0 | 0.1 | 39 | 1.7 | 0.75 | 0.54 |
| 8 | 1.0 | 1.05 | 0.16 | 40 | 1.8 | 0.65 | 0.62 |
| 9 | 1.3 | 1.05 | 0.18 | 41 | 1.65 | 0.7 | 0.57 |
| 10 | 1.3 | 1.05 | 0.11 | 42 | 1.65 | 0.8 | 0.6 |
| 11 | 1.0 | 1.05 | 0.1 | 43 | 1.7 | 0.8 | 0.5 |
| 12 | 1.3 | 1.1 | 0.12 | 44 | 1.65 | 0.85 | 0.55 |
| 13 | 1.3 | 1.0 | 0.1 | 45 | 1.6 | 0.7 | 0.69 |
| 14 | 1.1 | 1.1 | 0.19 | 46 | 1.6 | 0.8 | 0.62 |
| 15 | 1.3 | 1.0 | 0.19 | 47 | 1.6 | 0.8 | 0.45 |
| 16 | 1.35 | 1.05 | 0.2 | 48 | 1.6 | 0.9 | 0.54 |
| 17 | 1.0 | 1.0 | 0.22 | 49 | 1.65 | 0.7 | 0.65 |
| 18 | 1.65 | 1.05 | 0.1 | 50 | 1.7 | 0.86 | 0.63 |
| 19 | 1.1 | 1.3 | 0.22 | 51 | 1.7 | 0.7 | 0.7 |
| 20 | 1.2 | 1.0 | 0.2 | 52 | 1.7 | 0.75 | 0.55 |
| 21 | 1.35 | 1.0 | 0.26 | 53 | 1.8 | 0.75 | 0.65 |
| 22 | 1.35 | 1.0 | 0.2 | 54 | 1.7 | 0.75 | 0.48 |
| 23 | 1.0 | 1.2 | 0.3 | 55 | 1.65 | 0.75 | 0.65 |
| 24 | 1.25 | 1.05 | 0.35 | 56 | 1.75 | 0.7 | 0.6 |
| 25 | 1.65 | 1.0 | 0.26 | 57 | 1.6 | 0.75 | 0.47 |
| 26 | 1.55 | 1.05 | 0.16 | 58 | 1.7 | 0.7 | 0.57 |
| 27 | 1.5 | 1.1 | 0.18 | 59 | 1.7 | 0.75 | 0.53 |
| 28 | 1.5 | 1.0 | 0.35 | 60 | 1.6 | 0.75 | 0.6 |
| 29 | 1.3 | 1.1 | 0.29 | 61 | 1.7 | 0.75 | 0.5 |
| 30 | 1.4 | 1.1 | 0.34 | 62 | 1.7 | 0.8 | 0.4 |
| 31 | 1.3 | 1.1 | 0.15 | 63 | 1.65 | 0.8 | 0.51 |
| 32 | 1.1 | 1.1 | 0.16 | 64 | 1.7 | 0.8 | 0.53 |

註:齒隙設計值 ~<0.76mm ■表小於設計值 ■表大於設計值



量具編號: FP-2190(量錶)、FP-1871(外徑分厘卡)、厚薄規 量測者: 翁漢陽、劉俊呈

Note: X1 is bigger than spec and X2 is shorter. The thrust washer should be adjusted when the IGV blades are disassembled. No concern to run it like that at the moment. JPL

Witnessed & approved 表格: QT-MW1-039-F25 版次: 0

Juan Castellanos 11/8/2016 GE

INSPECTION REPORT

NOTICE - Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

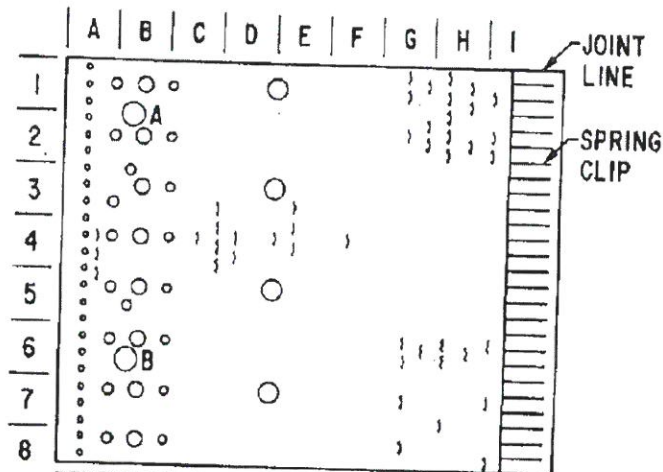
ISE/GT-FF 6003
FOR FIELD USE

GAS TURBINE MAINTENANCE

Combustion System (Liner)

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.2

SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO



DEVELOPED VIEW OF HOLE, LOUVER & SPRING CLIP PATTERN

PART NUMBER OUT* _____

PART NUMBER IN* _____

*Note: If Part (Drawing) Number IN (installed) is different than Part (Drawing) Number OUT (removed), check with G. T. C. S. D.

DEFECT CODES:

- | | |
|---------------|---------------------|
| BU - Burned | LO - Louvers open |
| CO - Corroded | LC - Louvers closed |
| CR - Cracked | BR - Broken |
| BK - Buckled | BT - Bent |
| H - Hot Spots | M - Missing |
| | W - Worn |

DISPOSITION CODES:

- N - No repairs or replacement necessary
R - Repaired (on site, vendor, or GE Service Shop)
RN - Replaced with new component

| Chamber No. | Serial Number | | Liner Defects (Code and Location for cracks, also indicate if hole to hole, louver to louver or louver to hole) | X-Fire Tube Collar Defect (Code and Location) |
|-------------|---------------|-----------------|---|---|
| | Out | In | | |
| 1 | G11058L | A12180 7996 | | |
| 2 | G10193L | A16432 13678 | | |
| 3 | G11097L | A16477 13716 | | |
| 4 | G10228L | m00527 12549 | | |
| 5 | G10213L | A16486 13677 | | |
| 6 | G10215L | A12428 8548 | | |
| 7 | G10202L | A16443 13724 | | |
| 8 | G10192L | A7131 B4 | | |
| 9 | G10205L | A7135 B9 | | |
| 10 | G11100L | A16544 14209 | | |
| 11 | NA | NA | | |
| 12 | NA | NA | | |

(Continued on Back of Form)

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

INSPECTION REPORT

NOTICE: Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

ISE/GT-FF 6005
FOR FIELD USE ONLY

GAS TURBINE MAINTENANCE

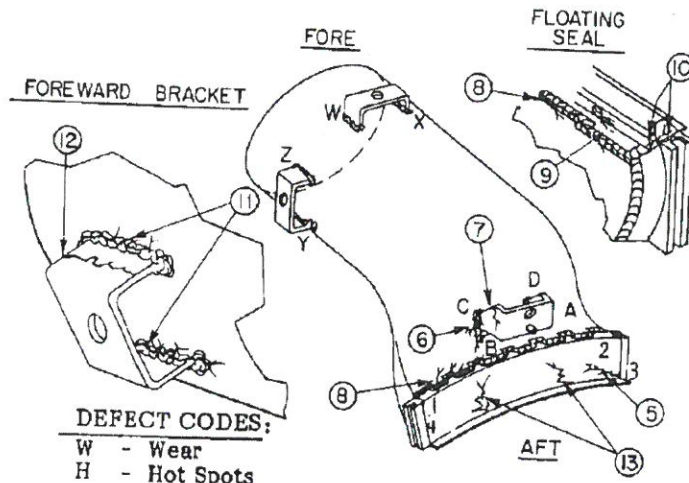
MS 5000 Series Transition Piece

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.15

SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO

CRACK LOCATION CODES:

- A ,B, C ,D-Positions on aft brackets.
- W ,X, Y, Z-Positions on forward brackets.
- 1, 2, 3, 4-Positions on aft corners.
- 5-Casting corner cracks.
- 6-Aft bracket weld cracks.
- 7-Aft bracket body cracks.
- 8-Seal retainer weld cracks .
- 9-Seal retainer pin hole cracks (Floating seal only).
- 10-End cover (ear) weld cracks(Floating Seal only).
- 11-Forward bracket weld cracks.
- 12-Forward bracket breaking.
- 13-Transition piece rupture.



DEFECT CODES:
W - Wear
H - Hot Spots

DISPOSITION CODES:
N - No Repair or replacement necessary
R - Repaired (On-site, Vendor or GE Service Shop)
RN - Replaced w/new component

PART NUMBER OUT* _____

PART NUMBER IN* _____

*Note: If Part Number IN is different than Part Number OUT, Check with G.T.C.S.D.

| Chmbr. No. | Serial | | Cracks (State Location & Length) |
|------------|--------|---------------|----------------------------------|
| | Out | In | |
| 1 | E1875L | SP12472-1-211 | |
| 2 | E1883L | SP12472-1-212 | |
| 3 | E1849L | SP12472-1-213 | |
| 4 | E1880L | SP12472-1-214 | |
| 5 | E1865L | SP12472-1-215 | |
| 6 | E1844L | SP12472-1-216 | |
| 7 | E1866L | SP12472-1-217 | |
| 8 | E1873L | SP12472-1-218 | |
| 9 | E1869L | SP12472-1-219 | |
| 10 | E1872L | SP12472-1-220 | |
| 11 | NA | NA | |
| 12 | NA | NA | |



(Continued on Back of Form)

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

INSPECTION REPORT

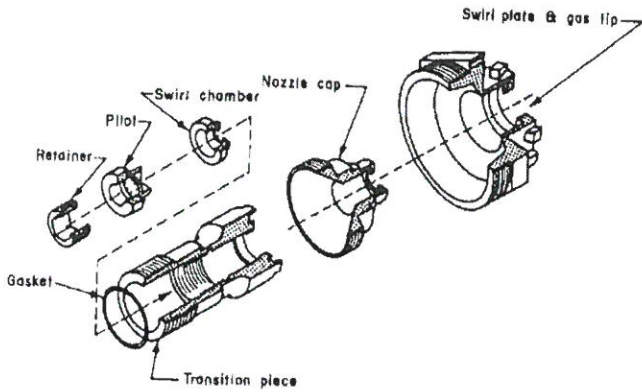
NOTICE: Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

ISE/GT-FF 6001
FOR FIELD USE

GAS TURBINE MAINTENANCE

Fuel Nozzle

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.10
 SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO



NOZZLE TYPE:

- | | |
|---|---|
| <input type="checkbox"/> Mechanical Atomizing | <input checked="" type="checkbox"/> Distillate only |
| <input checked="" type="checkbox"/> Air Atomizing | <input type="checkbox"/> Gas/Dist |
| <input type="checkbox"/> Gas | <input type="checkbox"/> Gas/Dist/Residual |

Vendor Out _____

Vendor In _____

Part Number:

*Out _____

*In _____

*Note: If Part Number In is different than Part Number Out, Check with G.T.C.S.D.

DISPOSITION CODES:

- N - No repair or replacement necessary.
- R - Repaired/cleaned (On-site, Vendor or GE Service Shop).
- RN - Replaced with new component.

EROSION & DEPOSIT CONDITION CODES:

- No Erosion - N - No Deposits
- Slight Erosion - S - Slight Deposits
- Heavy Erosion - H - Heavy Deposits

| Chamber No. | Serial Number | | Nozzle Cap | | Transition Piece Erosion | Body Leakage | | Disposition | Replacement Recommended (Check v if yes) |
|-------------|---------------|----|------------|---------|--------------------------|--------------|----|------------------------|--|
| | Out | In | Deposits | Erosion | | Yes | No | | |
| 1 | 1 | 1 | S, V | N | | | v | R | |
| 2 | 2 | 2 | S, V | N | | | v | R | |
| 3 | 3 | 3 | S, V | N | | | v | R | |
| 4 | 4 | 4 | S, V | N | | | v | R | |
| 5 | 5 | 5 | S, V | N | | v | | RN(Gasket), no leakage | |
| 6 | 6 | 6 | S, V | N | | | v | R | |
| 7 | 7 | 7 | S, V | N | | | v | R | |
| 8 | 8 | 8 | S, V | N | | v | | RN(Gasket), no leakage | |
| 9 | 9 | 9 | S, V | N | | v | | RN(Gasket), no leakage | |
| 10 | 10 | 10 | S, V | N | | | v | R | |
| 11 | NA | NA | | | | | | | |
| 12 | NA | NA | | | | | | | |

COMMENTS: _____

Witnessed & Approved

 Juan Castellanos GE 11/21/16

INSPECTION REPORT

NOTICE · Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

GAS TURBINE MAINTENANCE

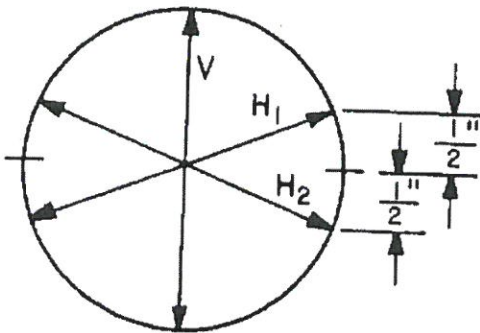
Sleeve Journal Bearings

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.12

SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO

(NOTE: SEE ADDITIONAL INSTRUCTIONS ON BACK OF FORM)

DIMENSIONAL CHECKS



1. Measure horizontal (H_1 & H_2) and vertical (V) dimensions of bearing shell inner diameter at both the forward and the aft ends. Bearing halves must be clamped together for measurement.
2. Measure thrust bearing clearance dimension by jacking rotor axially and monitoring axial movement with dial indicator. Dial indicator to be mounted on the bearing housing containing the thrust bearing.

CONDITION CODES:

Using the figures on the back of this form for reference, indicate **by number** the babbitt conditions observed. If more than one number is used, keep damage and zones in respective order.

DISPOSITION CODES:

- N - No repair or replacement necessary
- R - Repaired (On-site, Vendor or GE Service Shop)
- RN - Replaced with new component

JOURNAL BEARINGS NOTE: Use Form ISE/GT FF 6044 for Tilting-Pad Journal Bearings Unit: mm

| LINER NO. PART NO. | 1 | | 2 | | 3 | | 4 | | 5 | |
|-----------------------|--------|--------|--------|--------|------|------|------|------|------|------|
| | FWD | AFT | FWD | AFT | FWD | AFT | FWD | AFT | FWD | AFT |
| MEASUREMENTS | | | | | | | | | | |
| H_1 (203.97~204.03) | 203.95 | 203.98 | 203.92 | 203.97 | | | | | | |
| H_2 (203.97~204.03) | 203.95 | 203.95 | 203.96 | 203.96 | | | | | | |
| V (203.57~203.61) | 203.63 | 203.64 | 203.66 | 203.63 | | | | | | |
| CONDITION | CODE | ZONE | CODE | ZONE | CODE | ZONE | CODE | ZONE | CODE | ZONE |
| A. BURNISH | | | | | | | | | | |
| B. CRACKS | | | | | | | | | | |
| C. BABBITT LOSS | | | | | | | | | | |
| D. BABBITT SMEAR | | | | | | | | | | |
| DISPOSITION | | | | | | | | | | |

| JOURNAL NO. MEASUREMENTS | 1 | | 2 | | 3 | | 4 | | 5 | |
|-----------------------------|---|--------|--------|--------|-----|-----|-----|-----|-----|-----|
| | FWD | AFT | FWD | AFT | FWD | AFT | FWD | AFT | FWD | AFT |
| H | 203.22 | 203.22 | 203.18 | 203.18 | | | | | | |
| V | 203.22 | 203.21 | 203.18 | 203.18 | | | | | | |
| CONDITION | (CHECK \checkmark IF CONDITION IS OBSERVED) | | | | | | | | | |
| SCORED | | | | | | | | | | |
| PITTED | | | | | | | | | | |
| DISPOSITION | | | | | | | | | | |

THRUST BEARINGS See Form ISE/GT-FF6029

COMMENTS: *- Visual Inspection reported on NDT report*
- Clearances are good

量測者: 李鶴濂、林宗賢、曾成毅
ES-GAS-D7.A1.9 Rev. 1(9/78)



GENERAL ELECTRIC



NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed & Revised
[Signature] 11/12/2016
Juan Castellanos GE

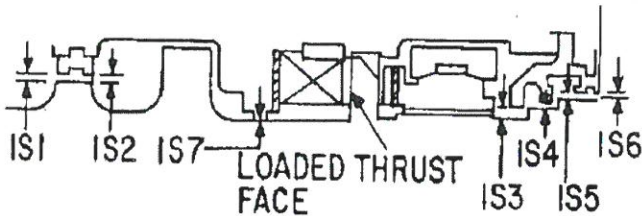
INSPECTION REPORT

NOTICE - Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

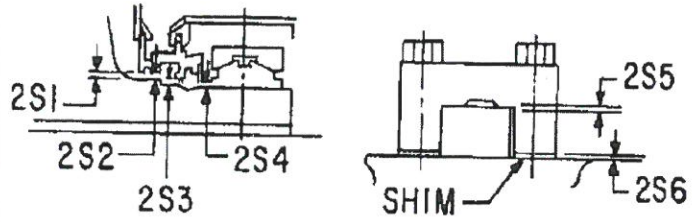
GAS TURBINE MAINTENANCE

MS 5001 Seals

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.10.31
 SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO



No. 1 BEARING AREA



(VIEW AT #2 BEARING STRAP)
No. 2 BEARING AREA

CONDITION CODE:

M - Missing Metal
W - Worn
CR - Cracked

Unit: mm

DISPOSITION CODES:

N - No repairs or replacement necessary
R - Repaired /cleaned (On-site, or GE Service Shop).
RN - Replaced with new component

| | CLEARANCES | | VISUAL INSPECTION | | COMMENTS |
|-----|------------|-------|-------------------|-------------|-------------------------------|
| | Left | Right | Condition | Disposition | |
| IS1 | 0.35 | 0.38 | OK, W | N | |
| IS2 | 0.37 | 0.38 | OK, W | N | clearance is a little open |
| IS3 | 0.35 | 0.3 | OK, W | N | |
| IS4 | 0.3 | 0.3 | OK, W | N | |
| IS5 | 0.3 | 0.3 | OK, W | N | |
| IS6 | 0.3 | 0.3 | OK, W | N | |
| IS7 | 0.35 | 0.25 | OK, W | N | needs replacement next outage |
| 2S1 | 0.2 | 0.25 | OK, W | N | |
| 2S2 | 0.23 | 0.25 | OK, W | N | |
| 2S3 | 0.18 | 0.25 | OK, W | N | |
| 2S4 | 0.18 | 0.3 | OK, W | N | |
| 2S5 | 0 | 0 | OK | N | |
| 2S6 | 0 | 0 | OK | N | Shim thickness not measured |

ADDITIONAL COMMENTS



ES-GAS-D7.A1.10 Rev. 1(9/78)

GENERAL  ELECTRIC

Witnessed & Revised 11/8/2016


Juan Castellanos, GE

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

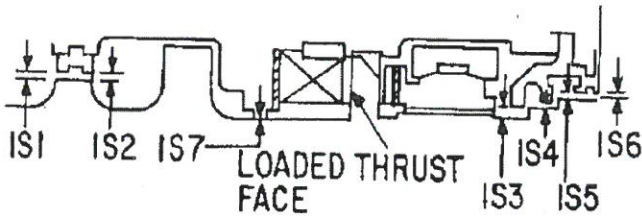
INSPECTION REPORT

NOTICE: Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

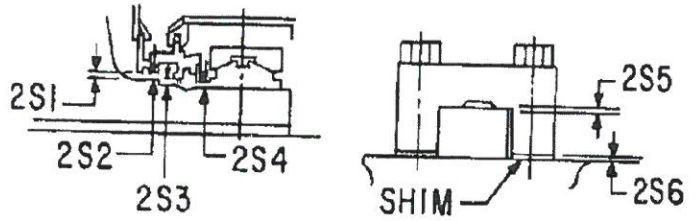
GAS TURBINE MAINTENANCE

MS 5001 Seals

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.18
 SKETCHES ENCLOSED: YES NO PHOTOS ENCLOSED: YES NO



No. 1 BEARING AREA



(VIEW AT #2 BEARING STRAP)
No. 2 BEARING AREA

CONDITION CODE:

M - Missing Metal
W - Worn
CR - Cracked

Unit: mm

DISPOSITION CODES:

N - No repairs or replacement necessary
R - Repaired /cleaned (On-site, or GE Service Shop).
RN - Replaced with new component

| | CLEARANCES | | VISUAL INSPECTION | | COMMENTS |
|-----|------------|-------|-------------------|-------------|---|
| | Left | Right | Condition | Disposition | |
| 1S1 | 0.35 | 0.40 | high clearance | N | Final. Replace on next outage. <i>JPC</i> |
| 1S2 | 0.37 | 0.37 | high clearance | N | Final. Replace on next outage. <i>JPC</i> |
| 1S3 | 0.33 | 0.30 | | N | Final |
| 1S4 | 0.35 | 0.33 | | N | Final |
| 1S5 | 0.33 | 0.33 | | N | Final |
| 1S6 | 0.35 | 0.35 | | N | Final |
| 1S7 | 0.25 | 0.20 | high clearance | N | Final. Replace on next outage. <i>JPC</i> |
| 2S1 | 0.25 | 0.20 | | N | Final |
| 2S2 | 0.27 | 0.23 | | N | Final |
| 2S3 | 0.27 | 0.18 | | N | Final |
| 2S4 | 0.27 | 0.18 | | N | Final |
| 2S5 | 0 | 0 | | N | Final |
| 2S6 | 0 | 0 | | N | Final |

ADDITIONAL COMMENTS



ES-GAS-D7.A1.10 Rev. 1(9/78)

GENERAL



ELECTRIC

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed & Revised
[Signature] 11/18/2016
Juan Castellanos GE

g

INSPECTION REPORT
Gas Turbine Maintenance

Accessory Gear

(FOR FIELD USE ONLY)

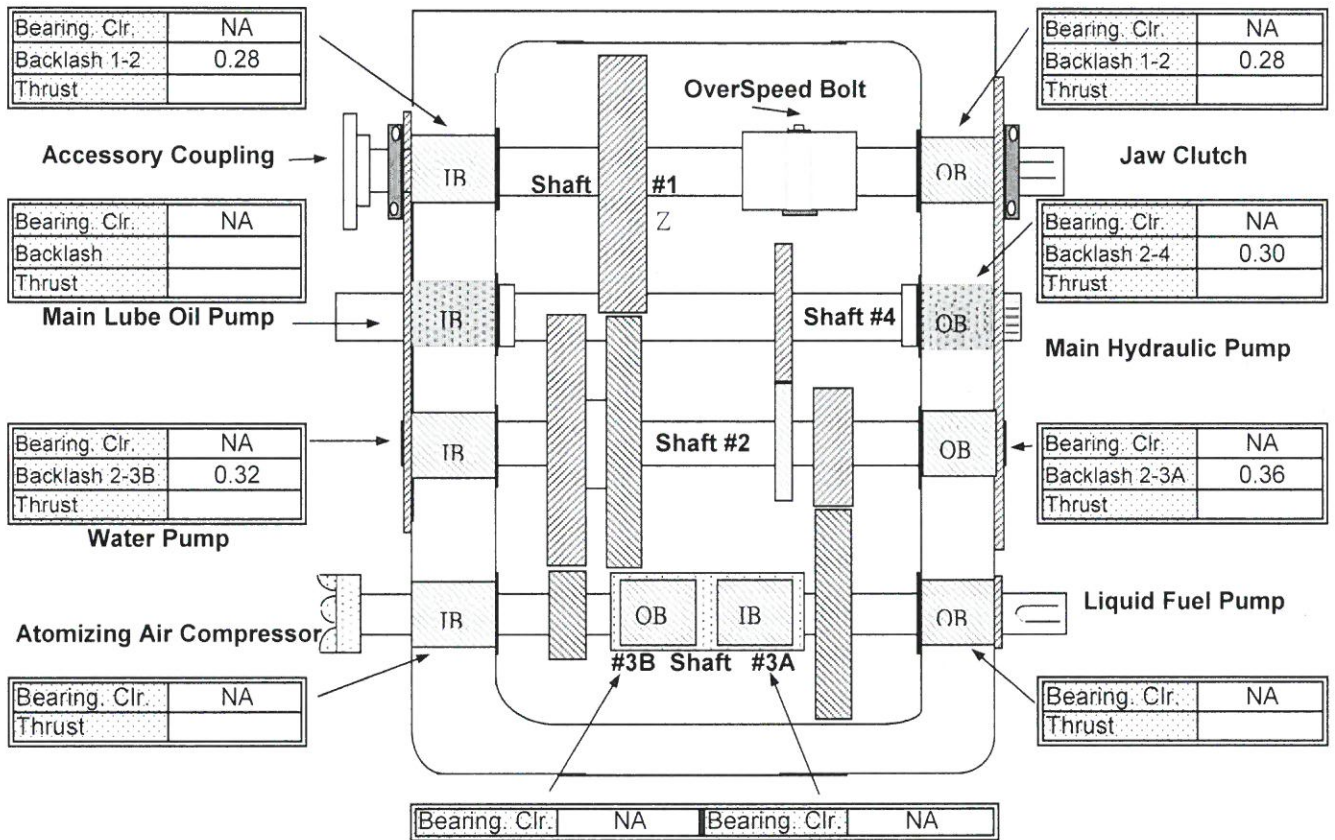
Notice: Any alterations to this form must be approved by the Mgr. Tech Prog, PGSD, and the Mgr. MPS, PSD, PGCSO.

Date 2016.11.3 Turbine S/N 05620 Dededo #1 Prepared by 李鶴濂、林宗賢
 FSR # _____ Sketches Enclosed? _____ Photos Enclosed? on NDT report

Accessory Gear Model _____

Accessory Gear S/N _____

Unit: mm



Comments:
 - Backlash is good. Spec is 0.13 to 0.40 mm
 - Thrust or brg. clearance could not be obtained

量測者: 李鶴濂、林宗賢

複查者:



GE TA:

Witnessed + Approved 11/8/2016
 Juan Castellanos, GE
 PGS/GT- FF-6000a

"ES-GAS-D7Thib.A34Gas2

INSPECTION REPORT

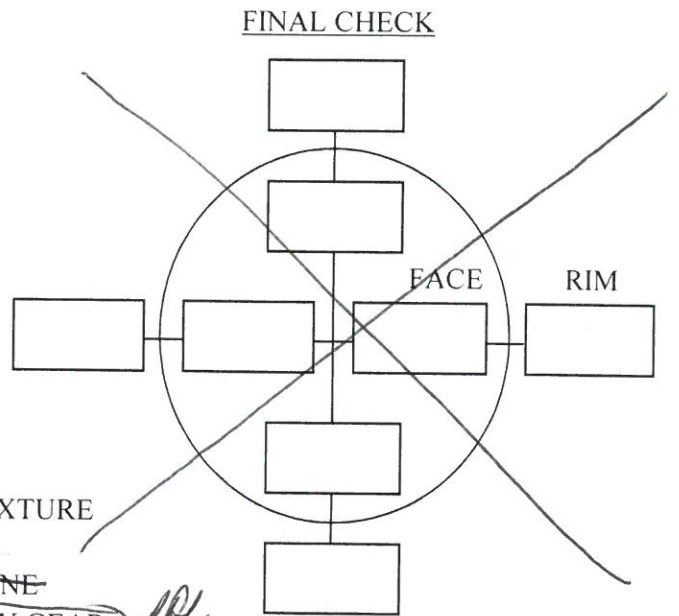
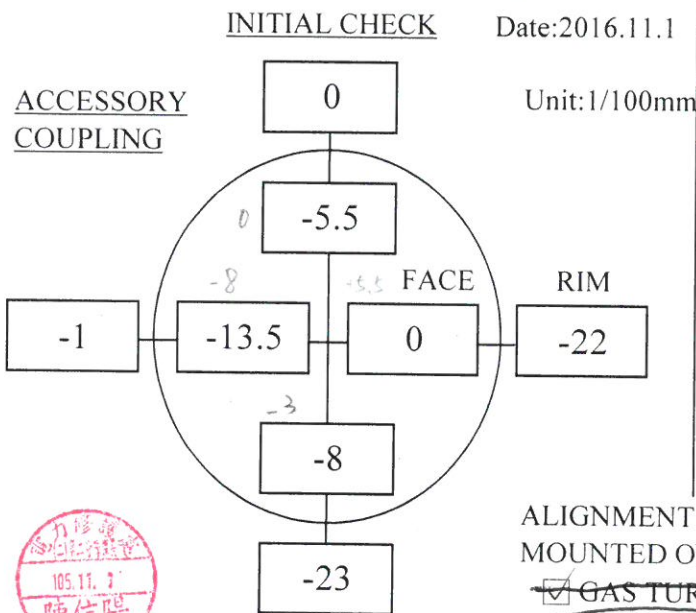
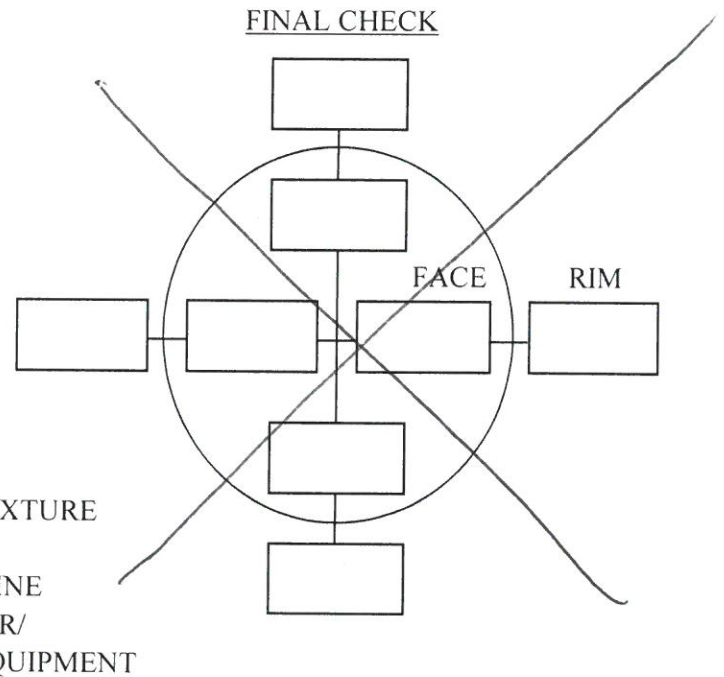
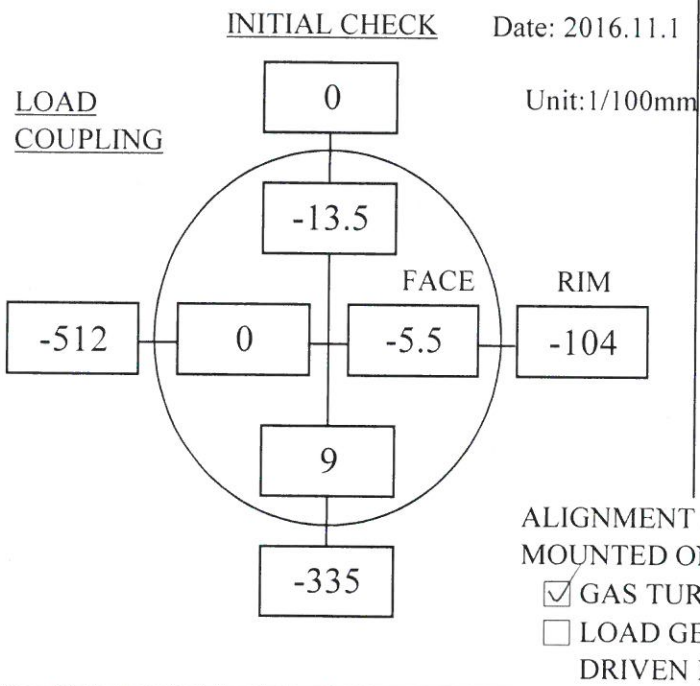
NOTICE · Any alterations to this form must be approved by the Manager, Program Support Engineering, I&SE and the Manager, Technical Information and Procedures, G.T.M.D.

GAS TU

Coupling Alignment

FSR NO. _____ TURBINE NO. 05620 (Dededo #1) DATE 2016.11.1

1. Checks to be made facing in direction of turbine flow.
2. Reference all "face" readings to 12" diameter.
3. "Rim" readings should reflect indicator riding at coupling O. D. or on male rabet; if indicator rides on female rabet, the sign conventions must be changed .



量測者: 李鶴濂、林宗賢、曾成毅

COMMENTS: Alignment is a little off on both load & accs. dpl

NOTE: Assistance in obtaining the data to complete this form can be obtained from I&SE/I&SEID.

Witnessed + revised 11/2/2016
[Signature]
John Castellanos

台灣電力公司

電力修護處

工 號: IE53322055658

焊接工作查證表(水、火力電廠) 檔案編號:

| | | | | | |
|--|-------|---|---|-----------|-----------|
| 1.機組: Dededo # / 機 | | 2.焊接工件名稱: 燃燒外筒內襯 修補 | | 3.圖面/版次: | |
| 4. <input checked="" type="checkbox"/> 首次 <input type="checkbox"/> 修補 <input type="checkbox"/> 重做 | | 5.文件編號: | | 6.管徑/規格: | |
| 7.母材編號: | | P.No. P ₁ 對 P.No. P ₁ | | 8.焊道編號: | |
| 9.焊接程序編號: | | | | | |
| 10.焊接方法: <input type="checkbox"/> SMAW <input checked="" type="checkbox"/> TIG <input type="checkbox"/> 其他 | | | 11.接頭設計: <input type="checkbox"/> 對接 <input type="checkbox"/> 套焊 <input type="checkbox"/> 填角焊 <input type="checkbox"/> 其他 | | |
| 12.非破壞檢測執行: <input type="checkbox"/> VT <input checked="" type="checkbox"/> PT <input type="checkbox"/> MT <input type="checkbox"/> RT <input type="checkbox"/> UT | | | | | |
| 上列各項均已填寫無誤 | | | | | |
| 焊接查證人員/日期: 陳信陽 1/2 | | | | | |
| 13.焊接人員姓名及代號: 林孝明 RM015 | | | | | |
| 14.裸線焊條型式/批號: 7052 | | | 15.被覆式焊條型式/批號: | | |
| 16.自動檢查項目 | NA | 是 | 否 | 焊接人員/日期 | 查證人員/日期 |
| (A)焊口清潔? | | ✓ | | } 林孝明 1/2 | } 陳信陽 1/2 |
| (B)焊口磨修? | | ✓ | | | |
| (C)焊口定位? | | | | | |
| (D)焊口點焊? | | | | | |
| (E)管內清潔? | | | | | |
| 17.沖淨氣體使用? | | | | | |
| 18.預熱溫度 | °C/°F | | | | |
| 19.層間溫度 | °C/°F | | | | |
| 20.焊道施焊完成? | | ✓ | | 林孝明 1/2 | 陳信陽 1/2 |
| 21.非破壞檢測結果 | NA | ACC | REJ | 查證人員 / 日期 | |
| 目視檢測(VT) | | | | | |
| 液滲檢測(PT) | | ✓ | | 林孝明 1/2 | |
| 磁粒檢測(MT) | | | | | |
| 射線檢測(RT) | | | | | |
| 超音波檢測(UT) | | | | | |
| 上列各項均已依規定執行完畢 | | | | | |
| 焊接人員/日期: 林孝明 1/2 焊接查證人員/日期: 陳信陽 1/2 | | | | | |
| 備註: | | | | | |

台灣電力公司

電力修護處

工 號: IE53322055658

焊接工作查證表(水、火力電廠) 檔案編號:

| | | | | | |
|--|-------|---|---|-----------|----------|
| 1.機組: Dededo #1 機 | | 2.焊接工件名稱: 管件法蘭面 | | 3.圖面/版次: | |
| 4. <input checked="" type="checkbox"/> 首次 <input type="checkbox"/> 修補 <input type="checkbox"/> 重做 | | 5.文件編號: | | 6.管徑/規格: | |
| 7.母材編號: | | P.No. P ₁ 對 P.No. P ₁ | | 8.焊道編號: | |
| 9.焊接程序編號: | | | | | |
| 10.焊接方法: <input type="checkbox"/> SMAW <input type="checkbox"/> TIG <input type="checkbox"/> 其他 | | | 11.接頭設計: <input checked="" type="checkbox"/> 對接 <input checked="" type="checkbox"/> 套焊 <input type="checkbox"/> 填角焊 <input type="checkbox"/> 其他 | | |
| 12.非破壞檢測執行: <input checked="" type="checkbox"/> VT <input type="checkbox"/> PT <input type="checkbox"/> MT <input type="checkbox"/> RT <input type="checkbox"/> UT | | | | | |
| 上列各項均已填寫無誤 | | | | | |
| 焊接查證人員/日期: 陳信陽 1/15 | | | | | |
| 13.焊接人員姓名及代號: 林學明 RM015 | | | 14.裸線焊條型式/批號: 7052 | | |
| 15.被覆式焊條型式/批號: 7018 | | | | | |
| 16.自動檢查項目 | NA | 是 | 否 | 焊接人員/日期 | 查證人員/日期 |
| (A)焊口清潔? | | ✓ | | 林學明 1/15 | 陳信陽 1/15 |
| (B)焊口磨修? | | ✓ | | | |
| (C)焊口定位? | | ✓ | | | |
| (D)焊口點焊? | | ✓ | | | |
| (E)管內清潔? | | ✓ | | | |
| 17.沖淨氣體使用? | | | | | |
| 18.預熱溫度 | °C/°F | | | | |
| 19.層間溫度 | °C/°F | | | | |
| 20.焊道施焊完成? | | ✓ | | 林學明 1/15 | 陳信陽 1/15 |
| 21.非破壞檢測結果 | NA | ACC | REJ | 查證人員 / 日期 | |
| 目視檢測(VT) | | ✓ | | | |
| 液滲檢測(PT) | | | | | |
| 磁粒檢測(MT) | | | | | |
| 射線檢測(RT) | | | | | |
| 超音波檢測(UT) | | | | | |
| 上列各項均已依規定執行完畢 | | | | | |
| 焊接人員/日期: 林學明 1/15 | | | 焊接查證人員/日期: 陳信陽 1/15 | | |
| 備註: | | | | | |

電力修護處量具清單

| 作業地點/機組：Dededo 發電廠 / GT#1,#2 | | | |
|------------------------------|--------|-------------|----------|
| 工號： IE53322055658 | | | |
| 工具名稱 | 編號 | 使用範圍 | 校驗有效日期 |
| 扭力扳手 | F00327 | 300~800 N-M | 106.3.31 |
| 扭力扳手 | F02472 | 60-300 Nm | 106.4.1 |
| 電子式游標卡尺 | F02297 | 0~150mm | 106.3.22 |
| 游標卡尺 | FP0277 | 0~150mm | 106.5.24 |
| 游標卡尺 | F01396 | 0~300mm | 106.5.20 |
| 外徑分厘卡 | FP1871 | 0~25mm | 106.3.17 |
| 外徑分厘卡(共 12 只) | F02288 | 0~300mm | 106.4.17 |
| 外徑分厘卡 | F01589 | 300~400mm | 106.3.17 |
| 內徑分厘卡 | F01711 | 50~1500mm | 106.5.24 |
| 量表 | FP1675 | 0~10mm | 106.4.12 |
| 量表 | FP2188 | 0~10mm | 106.4.12 |
| 量表 | FP2190 | 0~10mm | 106.4.21 |
| 量表 | FP2328 | 0~10mm | 106.5.19 |
| 量表 | FP2319 | 0~5mm | 106.5.19 |
| 量表 | FP2320 | 0~5mm | 106.5.19 |
| 量表 | FP2321 | 0~5mm | 106.5.19 |
| 厚薄規 | | | NA |
| 斜度規 | | 0.2~5mm | NA |
| 斜度規 | | 0.2~15mm | NA |
| 斜度規 | | 15~30mm | NA |
| | | | |
| | | | |
| | | | |
| | | | |