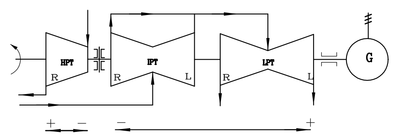
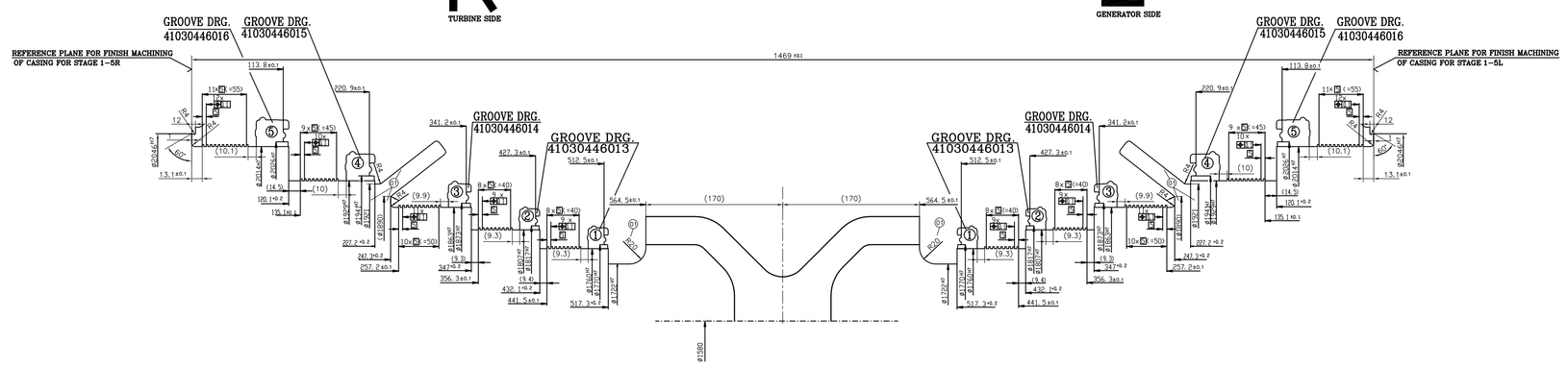
ALL OVER




R
TURBINE SIDE

L
GENERATOR SIDE




FINISH MACHINING CONTOUR OF CASING



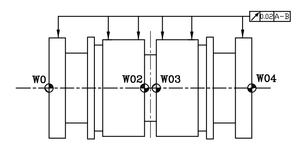

DETAILS OF GROOVE FOR SEALING STRIP
(SCALE 10:1)

TOLERANCE STATEMENT

| NOMINAL SIZE mm | | TOLERANCE RANGE H7 | | h8 | h9 |
|---|---|---|---|---|---|
| ABOVE | UP TO | UPPER LOWER | | UPPER LOWER | UPPER LOWER |
| 1250 | 1600 | +0.025<br>0 | | 0<br>-0.076 | 0<br>-0.301 |
| 1600 | 2000 | +0.150<br>0 | | 0<br>-0.092 | 0<br>-0.370 |
| 2000 | 2500 | +0.175<br>0 | | 0<br>-0.110 | 0<br>-0.440 |

TECHNICAL REQUIREMENTS :

1. RADIAL RUN OUT SHALL BE PERFORMED AT STAGE 1L,4L,8L,1R,4R AND 8R WITH RESPECT TO LOCATION ⊠ OF LP ROTOR (PDM410304). THE SURFACE FINISH AT THESE LOCATIONS SHALL BE ▽. PERMISSIBLE RUN-OUT VALUES WHICH ARE VALID FOR ALL STAGES SHALL BE AS PER THE SKETCH BELOW.




2. GROOVE SHALL BE MACHINED AS PER FOLLOWING DRAWINGS :-

| MOVING BLADE | | GUIDE BLADE | |
|---|---|---|---|
| STAGE | DRAWING NO. | STAGE | DRAWING NO. |
| 1L, 1R | 41010746012 | 1L, 1R | 41030446013 |
| 2L, 3R | 41010746014 | 2L, 3R | 41030446014 |
| 4L, 5R | 41020446014 | 4L, 5R | 41030446015 |
| 5L, 6R | 41030446011 | 5L, 6R | 41030446016 |
| 6L, 8R | 41020446012 | | |
| 7L | 11030746031 | | |
| 7R | 11030746033 | | |
| 8L | 01030746032 | | |
| 8R | 01030746034 | | |

3. LOCATION OF INSERTION GROOVES SHALL BE AS PER TECHNOLOGICAL INSTRUCTION NO.944.004 (FV 100113) WITH K=60°

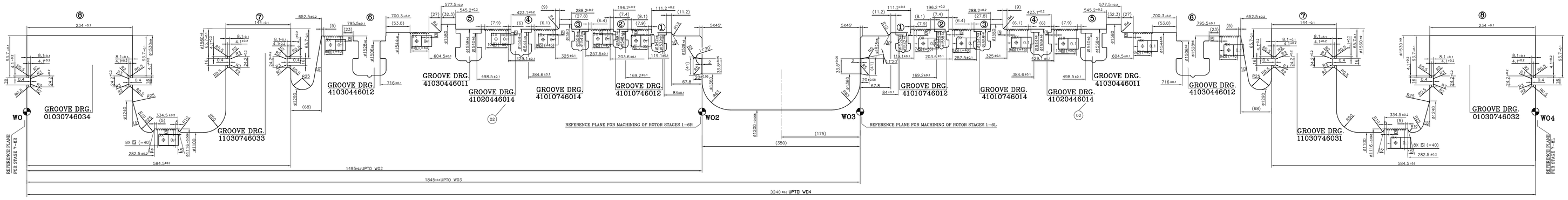
INSERTION GROOVE DRAWINGS

| STAGE | DRAWING NO. |
|---|---|
| 1L-4L | 41030446021 |
| 5R-6R | 41030446022 |

4. FOR THE VALUE OF TOLERANCE (H7,h9 AND h8), SEE TOLERANCE STATEMENT.

R
TURBINE SIDE

L
GENERATOR SIDE




FINISH MACHINING CONTOUR OF ROTOR

| | | |