



# GAS-GEN & EQUIPMENTS LTD.

## POWERPLANT-SERVICE.COM

OFFICE :- 208/A BAITUS SHARAF COMPLEX , 149/A AIRPORT ROAD, FARMGATE . DHAKA-1215 , BANGLADESH  
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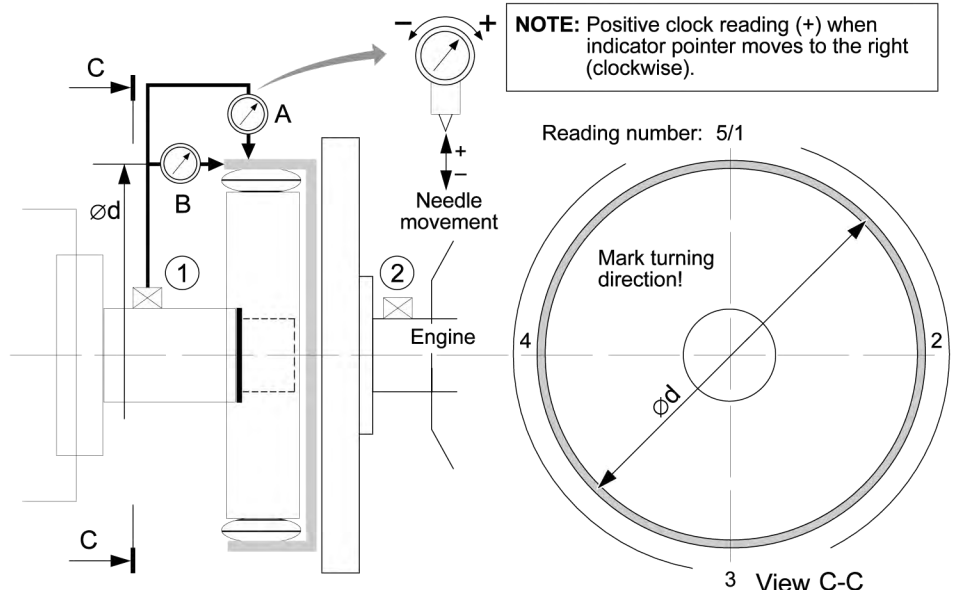
### GASGEN TECHNICAL SERVICE

## ALTERNATOR ALIGNMENT PROCEDURE

### FOR LARGE GENSET WARTSILA 18V34SG AND MWM TCG2033BV16

- 1) Make a suitable Platform on the main rotating Shaft of Alternator or Bolt a Flat bar of 10mm Thick with the Shaft Bolt.
- 2) Place 2 x Micrometer Dial guage of Magnetic Gripping type on the Platform.
- 3) Put the Alternator Coupling very close to the Engine flywheel and little touching.
- 4) Tight the Bolts lightly by Hand of the Alternator Bolts.
- 5) Then Rotate the Alternator and take readings of (a) UP/DOWN and (b) LEFT/RIGHT deviation
- 6) Accordingly adjust the Shims or the turn adjustment bolts.

Axial Deviation	Max. 1.00mm
Radial Deviation	Max. 1.00mm





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### GASGEN TECHNICAL DEPARTMENT ALIGNMENT OF LARGE GENERATORS

Deviations to be given in mm.

Measurement taken before

Radial indicator readings / Position (Indicator A)					Axial indicator readings / Position (Indicator B)				
1	2	3	4	5	1	2	3	4	5
00	+0.75	+1.35	+0.65	00	00	+0.15	+0.25	+0.12	00

Measurement taken After Adjustment

Radial indicator readings / Position (Indicator A)					Axial indicator readings / Position (Indicator B)				
1	2	3	4	5	1	2	3	4	5
0	+0.13	+0.13	+0.02	00	00	+0.09	+0.16	+0.07	00

Signature

CUSTOMER ENGINEER

Signature

GASGEN ENGINEERS