

ELECTRICAL DEPARTMENT

1) Alternator items

- Volvo FM12 V1, FM12 V2, FM400, FM10, FL10, FH12
- Scania K123, S113, S124 (Bosch Type)



PERFORMANCE SDN BHD
& Remanufactured Turbocharges

- ### 2) Every item brought in for remanufacture (sometimes referred as item reconditioning) undergoes an initial inspection and is graded before being carefully dismantled for cleaning and degreasing. Housing, bearing, rotor and other small items are discarded as a matter of policy



3) The equipment that used to process

- Wash Machine – Housing of alternator are cleaned in a high temperature pressure wash tank and an ultrasonic cleaner to fully ensure removal of carbon deposits



TURBO PERFORMANCE SDN BHD
Solution for New & Remanufactured Turbocharges

- Sand Blasting – All major components such as turbine shaft wheels, compressor wheels and housings are checked against the manufacturer specifications. Components that do not meet the required tolerance / high standard are replaced as matter of course



4) Checking part and installation item process



5) Equipment provided

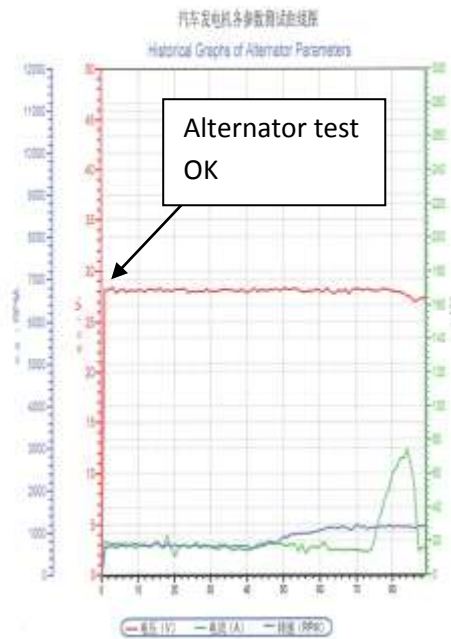
- Alternator Test Bench



- This result for test alternator has 2 steps:
 - a) Zero Load: Where is battery only connect with starter voltage must in 27-28V
 - b) Full Load: Where truck is ready run and alternator ready supply all current in Truck Voltage (26V)
- If Alternator failed, will not show the graft voltage



- Test Result as below



DN BHD
irbocharges