

# REPAIR REPORT

**YAW MOTORGEAR "SOM"**

**TYPE PG-1004 PR**

**COD. 57160500502**

**S/N: 166392**

**CLIENT: CCR WIND SOLAR CONSULTING**



<b>Review</b>	<b>Date</b>	<b>Modification: page nº, paragraph, description</b>
Rev00	06/06/2018	Issue

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ER-0552/2011



GA-2011/0275



Système d'Assurance Qualité Réparateur  
Atmosphères Explosibles - INERIS

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## 1. Summary

It is received in the workshop of PABLO VEGA S.L, dated 02/03/18, YAW MOTORGear "SOM", Type PG-1004 PR, Cod. 5716.050.0502 and S/N 166392, to proceed with its repair.



Fig. 1. Identification plate.



Fig. 2. Electric motor.



Fig. 3. Reception in Workshop.

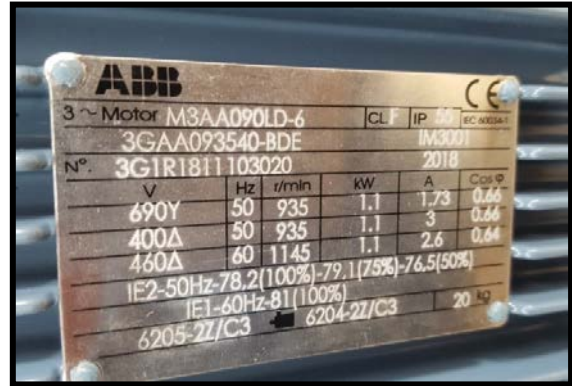


Fig. 4. Identification plate, Electric Motor Installed.

## 2. DAMAGE EVALUATION AND REPAIR

- Reception of the equipment in Workshop and general evaluation.
- Surface treatment, with the help of non-magnetic pressure abrasive, eliminating oxides and original painting
- Repaint with anti-oxidant priming.
- Emptying the original oil.
- Complete disassembly and inspection of gear status.
- Complete cleaning of the interior of the gearbox.
- Replacement of O-rings and seals.
- Replacement of Electric Motor.
- Assembly of the assembly once revised and decontaminated.
- Finish repainting.
- Functional testing.

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### 3. Photo report

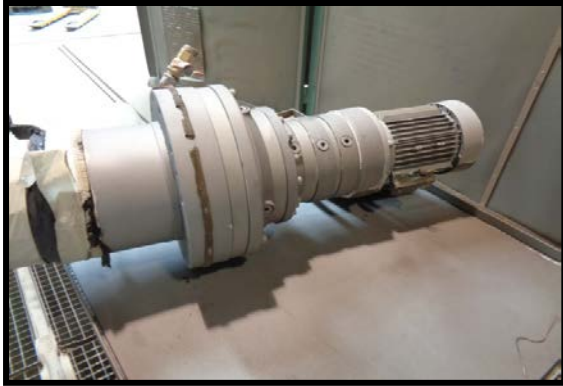


Fig. 1. Blasting treatment



Fig. 2. Anti-oxidant priming



Fig. 3. Piñon in good condition.

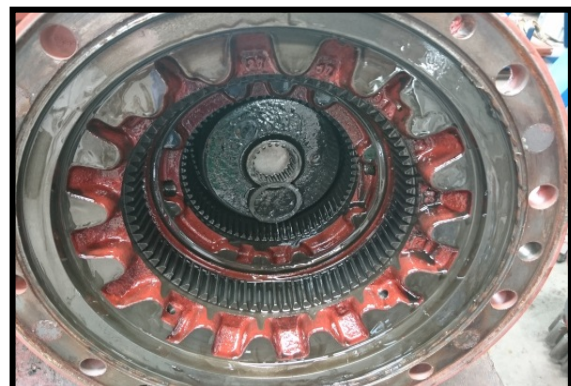


Fig. 4. Disassembly



Fig. 5.



Fig. 6. Shaft Motor and keyway with wear



Fig. 7. Cleaning of the gears.



Fig. 8.



Fig. 9.

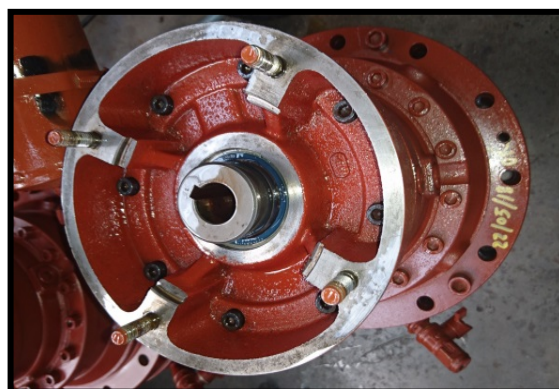


Fig. 10.



Fig. 11. Replacement Electric Motor.



Fig. 12. Final repainting.

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## 4. CONCLUSIONS

After completing the relevant work and tests, the Motorgear is ready for commissioning.