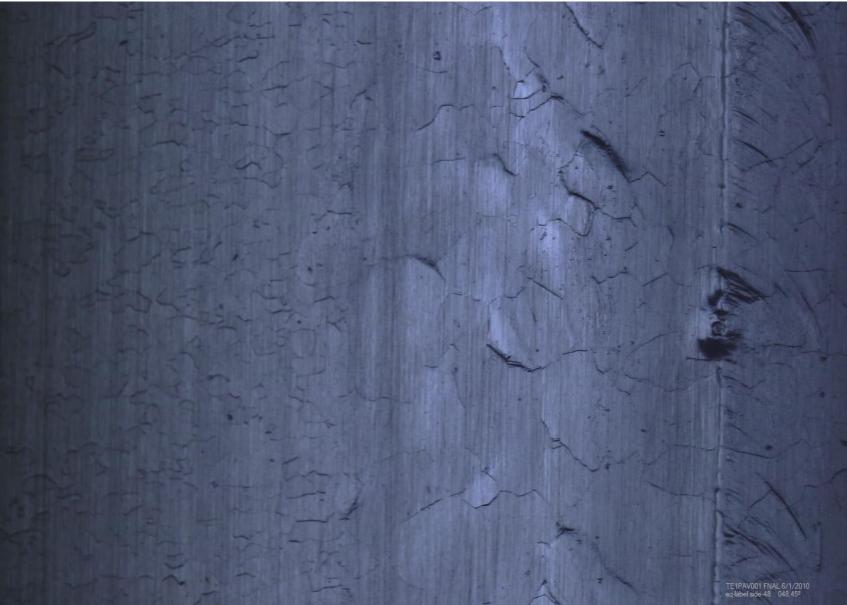
PAVAC cavity 001, 002, 003 optical inspection report

Mingqi Ge and Genfa Wu

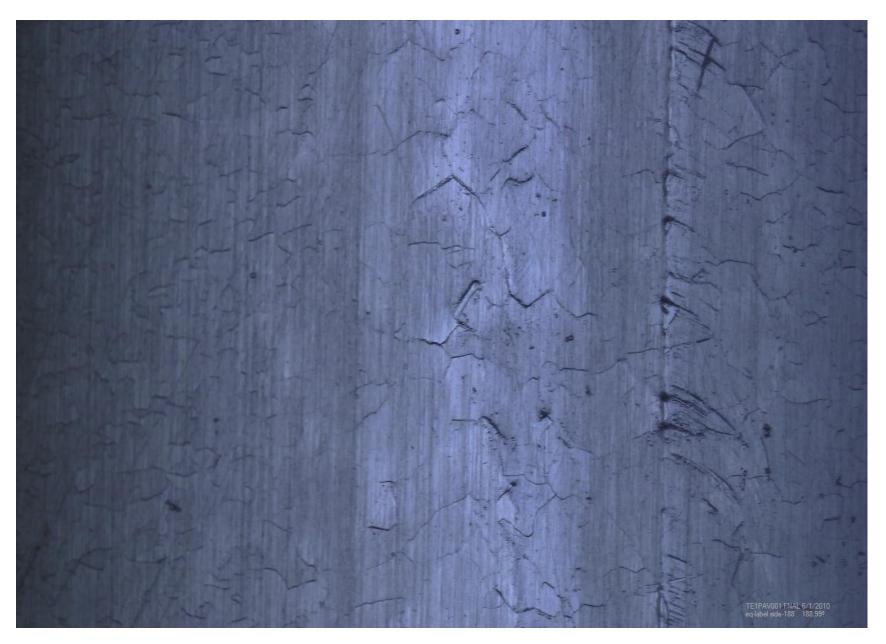
TE1PAV001 – area 1



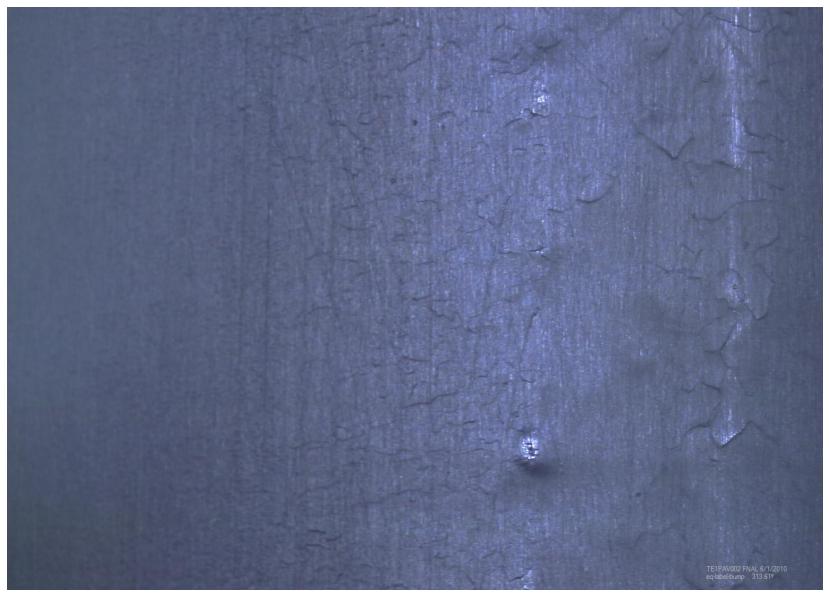
TE1PAV001 – area 2



TE1PAV001 – area 3



TE1PAC002 area 1



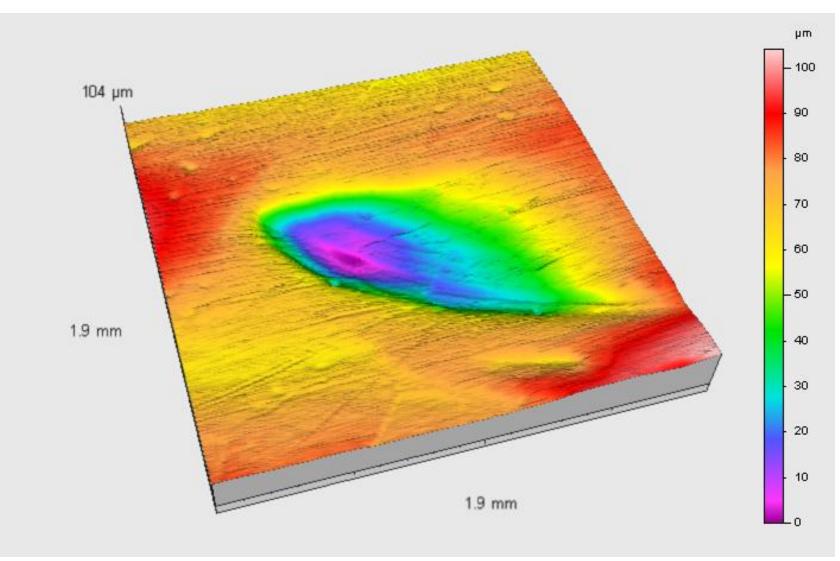
TE1PAC002 area 2



TE1PAV003 area 1



TE1PAV003 area 1 replica result



 $60 \ \mu m \ deep$, sharp edged tool mark

Summary

- 1. Cavity equator welds were inside weld
- 2. Weld beads appear polished inside at equators and irises
- 3. Defect areas are located
- 4. No visible geometric defect at Non-RF sides of weld
- 5. 002 is the best of the three optically

In queue for EP.