

Various Quality issues in Incoming Material In LA Group of Shops

**Presented by
Dy.CEE/Loco
24.10.2024**

Shell Suppliers of WAG-9HC, WAP-7 & DETC in PLW

- M/s EC Blades & Tools Pvt. Ltd.
- M/s Bhilai Iron And Steel Processing Company Pvt. Ltd.-Bhilai
- M/s Trident Auto Components Pvt. Ltd.
- M/s Selvoc Engineering Company Pvt. Ltd
- M/s Railtech Technologies Pvt. Ltd
- M/s Universal Engineer Chennai Pvt. Ltd.
- M/s DTL Ancillaries Ltd.
- M/s Chandra Udyog

Common Issues faced in Shell

- Poor quality of paint without proper surface cleaning.
- Camber not maintain properly which causes large time in height setting
- Free supply items issued by PLW either wrongly fitted or not fitted
- Poor welding work
- Variation in draft gear collar pocket size.
- Edge finishing not done after cutting.
- Cleaning of pneumatic piping, ducting not done before dispatch.
- Rusted small parts in machine room and underframe.
- Less thickness of underframe mounting legs.
- Water ingress issue









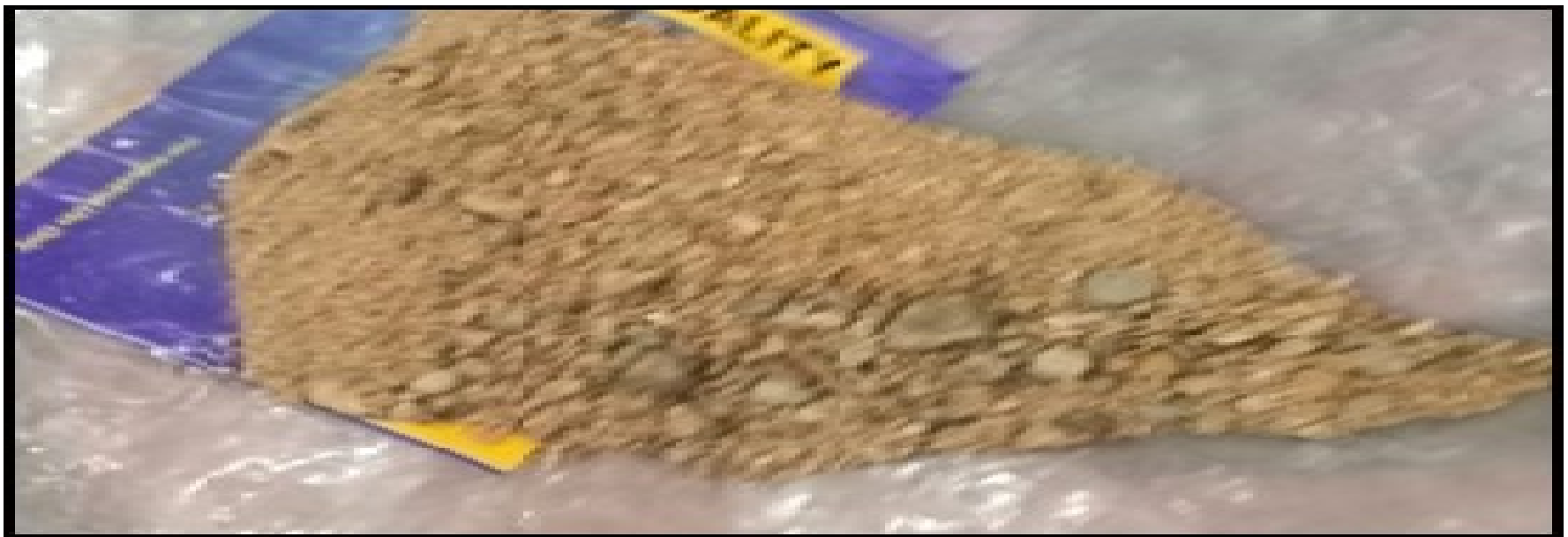


Interior Side























PROPULSION SUPPLIERS OF WAG-9HC, WAP-7

- M/S CG Power & Industrial Solutions Ltd.
- M/S Medha Servo Drives Pvt. Ltd.
- M/S Siemens India Ltd
- M/S Bharat Heavy Electrical Ltd.
- M/S ABB India Ltd.
- M/S Alstom

Common Defects in PROPULSION OF WAG-9HC, WAP-7

- Repetitive failure of cards in Aux converter.
- Not availability of spare cards, inverter module, sensors.
- Non standard panel C
- Less trained manpower deployment



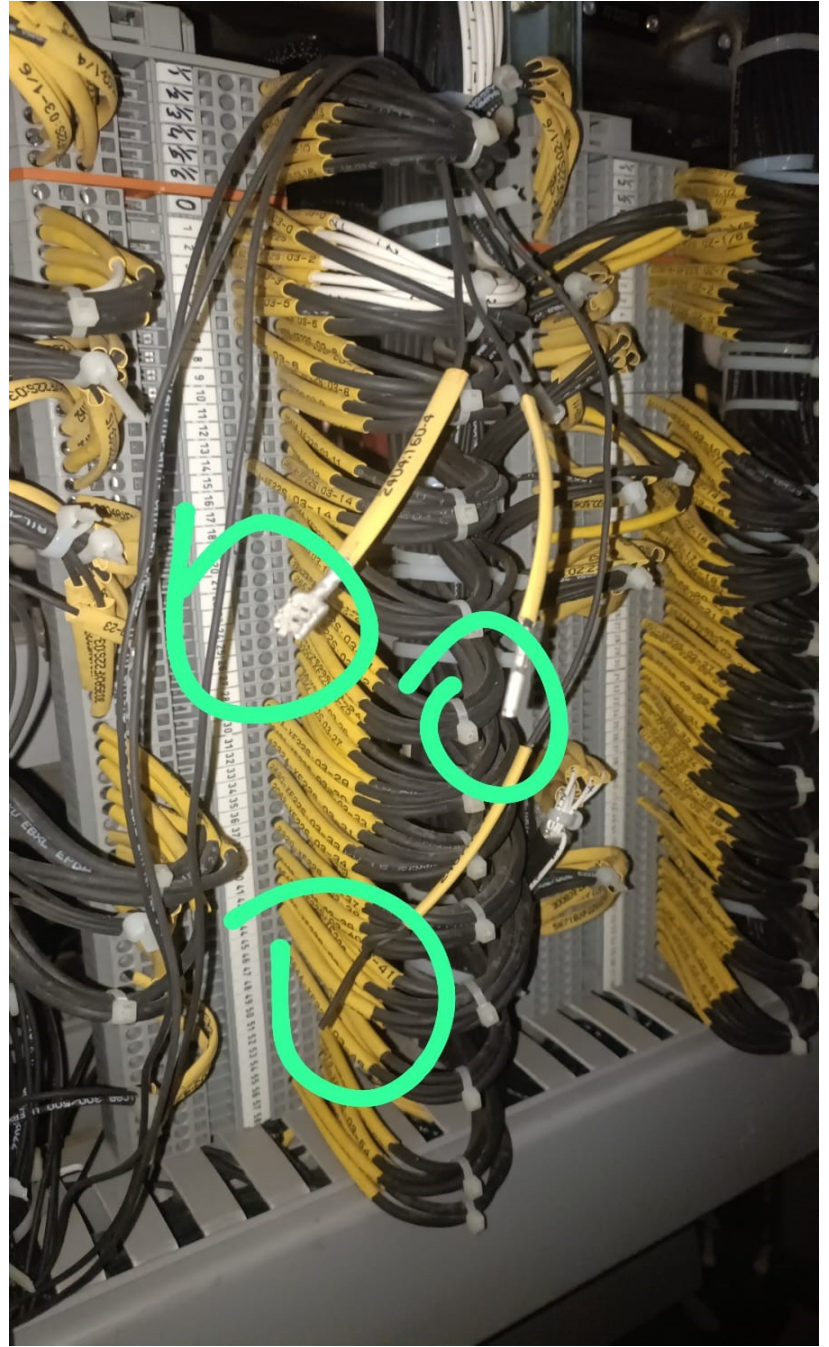
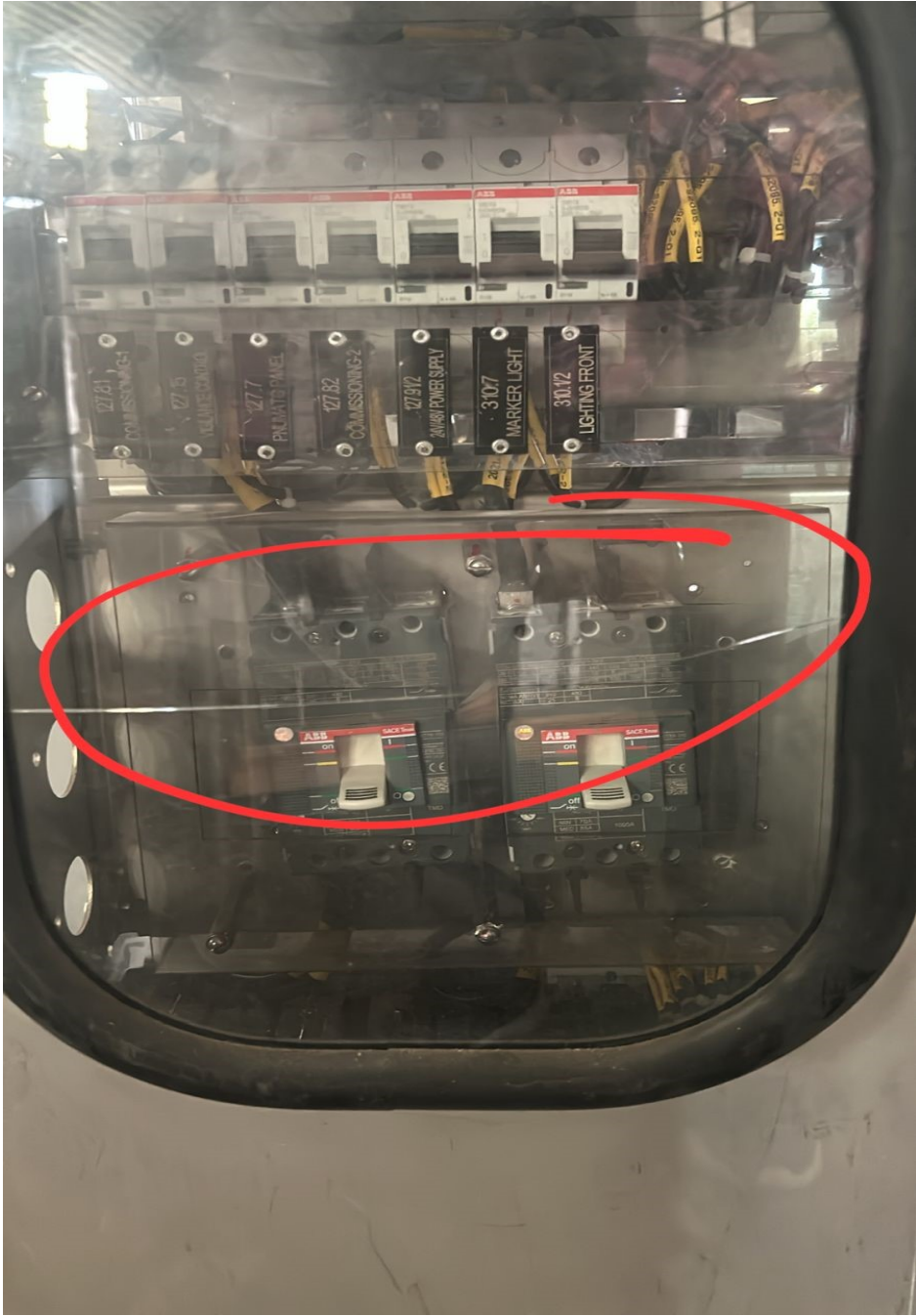
SB1, SB2 ,HB1, HB2 Panels & FILTER CUBICLE SUPPLIERS

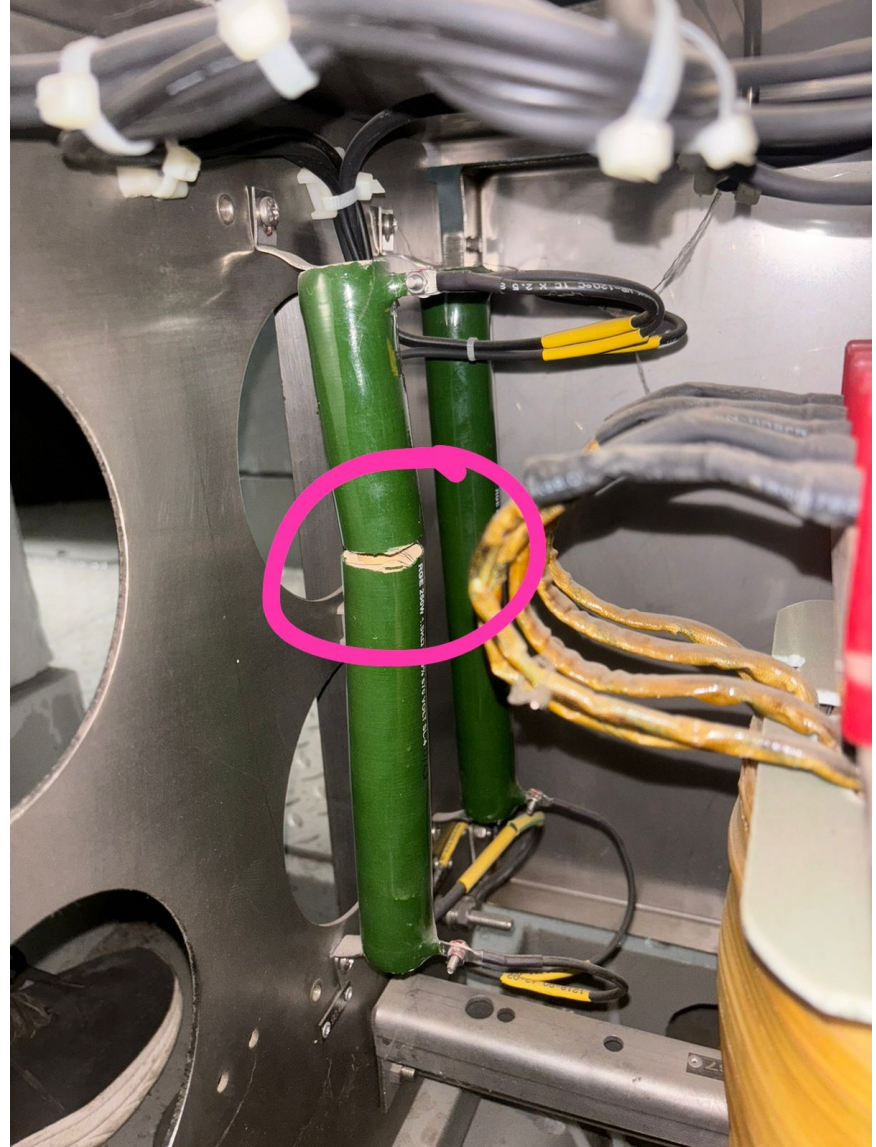
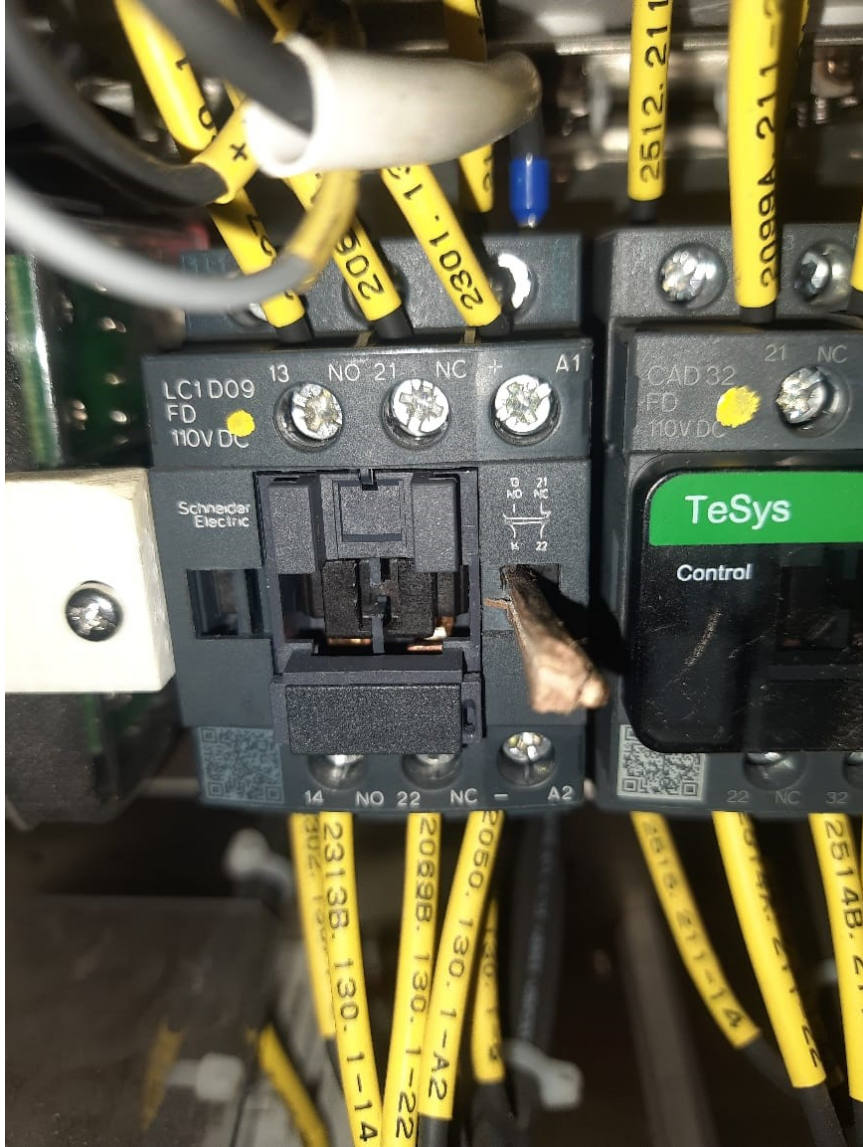
- M/S Kaptronics Pvt Ltd
- M/S Steaslite Ltd
- M/S Kaysons Electricals Pvt Ltd
- M/S Autometers Alliance Ltd
- M/S CG Power & Industrial Solutions Ltd.
- M/S Trolex India Pvt Ltd
- M/S Hind Rectifiers Ltd

Common Defects in SB1, SB2, HB1, HB2 PANELS & FILTER CUBICLE SUPPLIERS

- Loose connections
- Poor crimping
- Loop provided with Wrong or no marking of wires
- Door lock missing
- Mounting bolts problem.
- Material not supplied as per Spec/MS attached in PO.
- Non-availability of spare items.
- Deviation in sub-items make from approved BoM.







Set of Harnessed Cable Suppliers

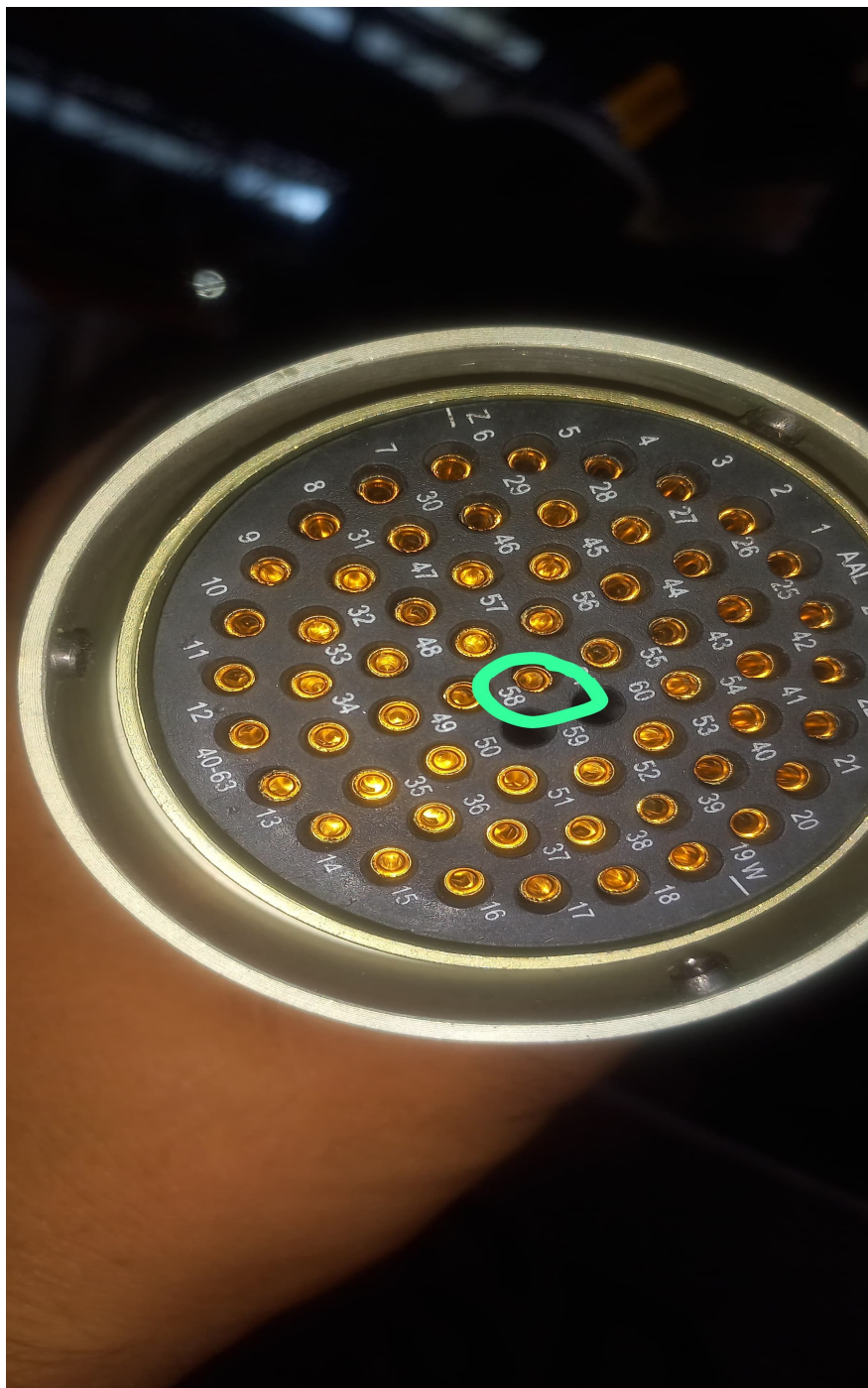
- M/S PPS International
- M/S Polycab India Ltd.
- M/S Quadrant Future Tek Limited
- M/S Apar Industries Ltd
- M/S Thermo Cables Limited
- M/S Siechem Technologies Private Limited

Common Defects in Set of Harnessed Cables

- DTMS/Ferrule marking not provided/ Not good.
- Cable length is not accurate.
- Continuity test failure.
- Poor Quality Lug Crimping.
- Poor Quality of Connectors.
- Coupler ring broken.
- Neoprene hose torn/cracked.

Photos of Defect in Supplied Harnessed Cable







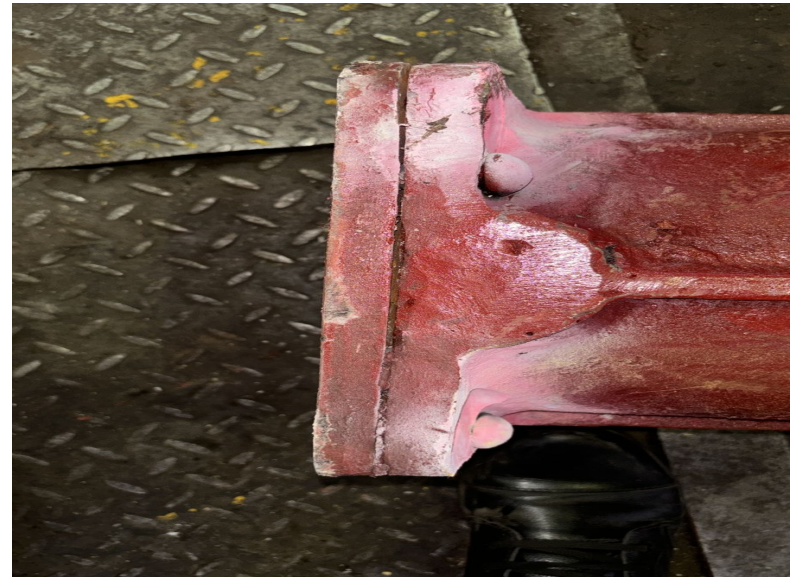
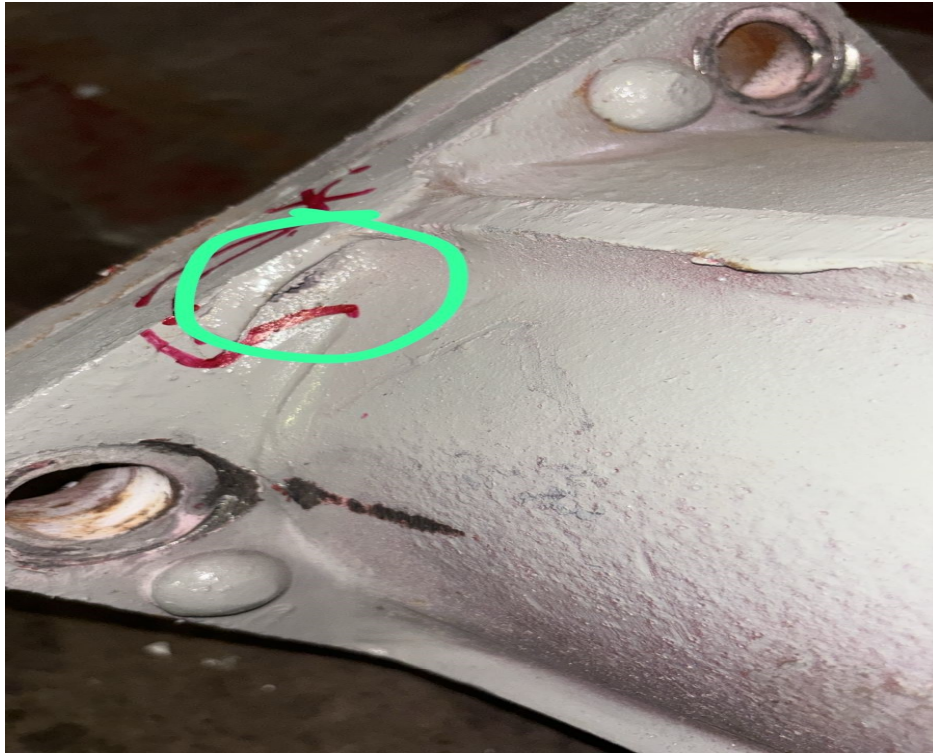
B

SIDE BUFFER SUPPLIERS

- M/s ESCORTS KUBOTA LIMITED-FARIDABAD
- M/s FAIVELEY TRANSPORT RAIL TECHNOLOGIES INDIA PRIVATE LIMITED
- M/s Frontier Alloy Steels Ltd-Kanpur
- M/s ATUL ENGINEERING UDHYOG-AGRA
- M/s Kharagpur Metals

Common Defects in SIDE BUFFER Supplied by Suppliers

- Gap Found between base plate & rivet plate.
- Multiple blow hole observed on buffer.
- Hole observed on Plunger tube.
- Blow hole observed on rivet plate.



Thank You