

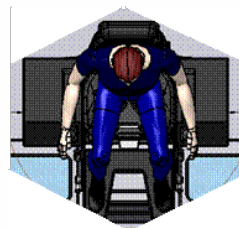


# ***SAFETY***

# ***RECOMMENDATIONS***

## **& INSTALLATION - USER MANUAL**

## **FOR ARM CHAIR CONTROL UNITS**



CUSTOMER :

P.O.NO :

PROJECT :

**ELECTRONIC & POWER CONTROL CO.**  
**1, INDUSTRIAL ESTATE, BHILAI, C.G-490026**  
**INDIA**

**Kakku\_bhilai@yahoo.com**

### **a) Mounting & Installation:**

1. Arm chair control units are installed in crane cabins. The systems are provided with either a rotating base or a fixed base. Please refer the drawings for placing the fixing bolts / cutting holes for fixing the base.
2. Tighten the fixing bolts & ensure proper fixing of base.
3. Incase of rotating base, the cable entry shall be from the center of the bearing block. For fixed base the cable entry is directly into the control boxes.
4. The control boxes are bolted type & removable. You can remove the boxes incase the door size of the cabin is small & re-assemble them again.

### **b) Installation & Maintenance Check Points:**

#### **1.1 Electrical:** Check the following points:-

- a) Check the wiring of the components as per the drawing / your requirements.
- b) Check the terminal plan as per the drawing / your requirements.
- c) Check the lugs connected to the components for tightness.
- d) Check the contact sequence & wiring of master controllers as per drawing / your requirement.
- e) Check the control supply to be connected as per the drawing.

#### **1.2. Mechanical:** Check the following points:-

- a) Check the condition of hinges.
- b) Always use stand provided inside the cover of the boxes during maintenance.
- c) Check the condition of chair for upholstery, to-fro mechanism(sliding rail), back rest knobs.
- d) Clean & de dust the complete systems at least once in a week.
- e) Check the condition of rubber bellow (below the seat) periodically.

#### **1.3 Check points for joystick type mater controllers:**

- a) Lubricate the cams of the controllers at least once in 4 months.
- b) Clean the contacts contact cleaner spray or emery paper.
- c) Check the condition of bellow periodically.

### **3) Safety:**

- a) Always use seat belt.
- b) Use insulating mat beneath the system