

### 3. Checking point for Reel

3.1 Follow No.1 about checking point before operating.

3.2 Follow No.2 about Daily checking point.

3.3 Main check period of reel is shown as follows.

| NO | Checking point  | Period |      |       | Replace parts | Remarks |
|----|---|--------|------|-------|---------------|---------|
|    |   | Day    | Week | Month |               |         |
| 1  | Checking point before operating                       | 1      |      |       |               | ( No.1) |
| 2  | Daily checking point                                  |        |      | 1     |               | ( No.2) |
| 3  | Working of lubrication in every parts                 | 1      |      |       |               |         |
| 4  | Lubrication status on gear, bearing and sliding parts |        | 1    |       |               |         |
| 5  | Temperature, noise, vibration on bearing parts        | 1      |      |       |               | In +40℃ |
| 6  | Status of bolt(tight/loosen)                          |        | 1    |       |               |         |
| 7  | Check leakage of oil, air, water and etc              |        | 1    |       |               |         |
| 8  | Status of sensor                                      |        | 1    |       |               |         |
| 9  | Wear of bush or sliding liner                         |        |      | 1     |               |         |
| 10 | Status of hose or fitting parts                       |        |      | 1     |               |         |
| 11 | Operation of Brake                                    |        |      | 1     |               |         |
| 12 | Wear of oil seal, packing                             |        |      | 1     |               |         |
| 13 | Operation of gripper                                  |        | 1    |       |               |         |
| 14 | Viscosity of lubricants                               |        |      | 1     |               |         |
| 15 | Check Cylindricity on coupling parts                  |        |      | 1     |               |         |

### 3.4 Check Point of Reducer

3.4.1 Strange Noise : Gear tooth contact area, Surrounding case

3.4.2 Lubrication : Pump, Flow meter, Pressure gage, Filter etc

3.4.3 Gear wear : Tooth surface

3.4.4 Rust : Check the rust on the Bearing, Tooth face, machined face

