

Service News

Suggestion of Maintenance
for Safety and Relief
For the safe use of Sekigahara Product

[SUBJECT]

SSN-012

Mysterious Operational Failure

1) Applied model:

Engine Room Crane
MSA-, MSB-, MAA-, MAB-,
MBA-, MBB-, ML-

2) Date of manufacture:

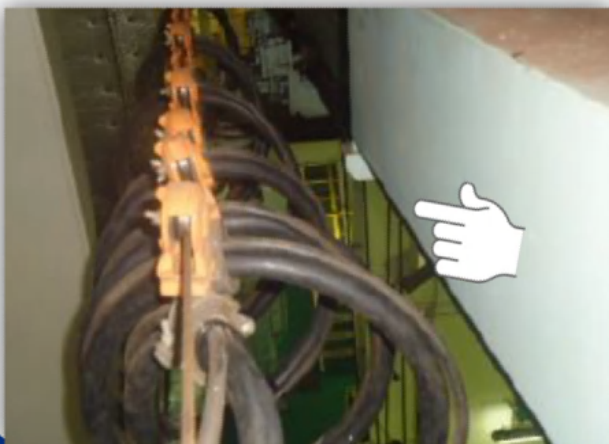
From 1995 up to now

3) Outline of accident

During moving the hoist towards the center, it stopped all of sudden. Hook lowering operation also became impossible. If the hoist is moved to the wall side, it is operatable with normal condition. There are no special defect found on power source, motor, brake, limit device or pendant switch box.

4) Cause

The power supply cable to the hoist had been used for a long time and it was stretched and bent repeatedly. As a result, wire inside of the cable was cut and disconnected. When the cable is stretched, disconnected wire was separated and the malfunction movement was observed due to the missing power & signal. When the cable was bent, inside wire was connected and no malfunction happened.



Normal condition only in this area

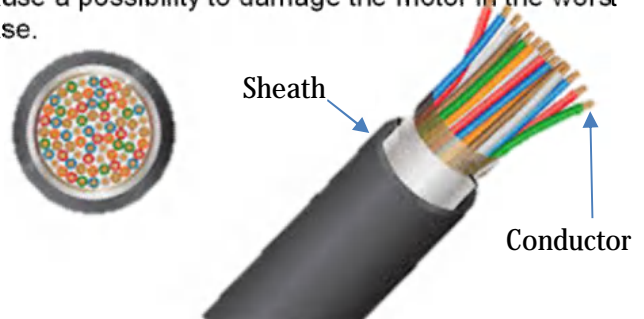
PORT

Accident
Record

STBRD.



Cabtyre cable is a cable which supplies the power source (power / signal) to the hoisting device. Inside of the sheath, there are some conductors. Even the conductor for the brake is disconnected only, the motor is trying to move with brake working and this cause a possibility to damage the motor in the worst case.



5) Prevention of accident

Since the disconnection of the cable cannot be checked from the outside of the cable, it is recommended to inspect or renew the cable regularly. In case the cable has not been changed for more than 8 years, you need to pay special attention to it.



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