## **SERVICE NEWS**



type HDC Subject

## INSPECTION & MAINTENANCE FOR STRUCTURE OF OPERATOR'S CABIN

Ref

AS-DC19-002E

Date

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Regarding the subject, we would like to inform you of the cases of trouble due to progress of rust, corrosion, etc.

To prevent big trouble & repair, refusal of cargo work by stevedore due to issue of safety, etc., please carry out periodical inspection and take necessary measures timely.



[Progress of corrosion of outer surface / handrail]





[Progress of corrosion, breakage of wiper]





[Progress of corrosion, breakage of fixing bolts]



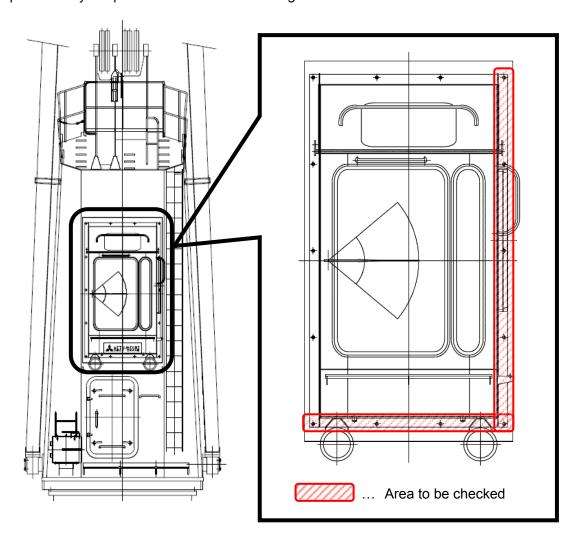


## 2. Inspection

Please check condition of structure of cabin, fixing bolts, etc. by appearance.

If progress of rust / corrosion of structure, loose / breakage of fixing bolts, etc. is observed, please take necessary measures as mentioned in the next page.

As for check of fixing bolts, access to upper & left side of cabin is difficult without scaffolding, so please carry out possible check for lower & right side as shown below.



## 3. Necessary measures

Typical conditions and necessary measures are as below.

In case condition is severer which needs special investigation, please inform contact window about detailed condition.

Condition	Necessary measures
Rust / corrosion of steel structure of cabin	Removal of rust and re-painting
Water ingresses through rubber for window	Apply caulking on the edge of rubber packing (outer side of cabin) [Figure 1]
Water ingresses through gap between cabin and crane's body.	Apply caulking on gap of upper of cabin and crane's body [Figure 2]
Hole, damage on steel structure of cabin / handrail	Replacement of steel plate of damaged area (Material: SS400, thickness: 6mm) Replacement of handrail (Material: SGP20A, Outer dia. φ27.2mm, thickness: 2.8mm)
Breakage of fixing bolts of cabin	Replacement of bolts  * In case replacement of bolts is difficult due to accessibility, it can be altered by addition of stiffener from inside of crane's post.  【Refer to appendix】
Breakage of wiper	Replacement of wiper

