We would like to inform you about daily inspection of safety valve of marine aux. boiler and exhaust gas economizer.

**<Safety valve of boiler and exhaust gas economizer is an important device>**

In normal operation, steam pressure of boiler and exhaust gas economizer is controlled not to exceed the maximum working pressure with pressure switch etc. If these safety devices don’t work for some reason, steam pressure increases up to a working pressure of safety valve. Then safety valve is opened to discharge steam, and the pressure inside of a pressure vessel doesn’t exceed the maximum working pressure. Malfunction of safety valve may cause serious accidents and navigation stop. Safety valve is one of the most important safety device for boiler and exhaust gas economizer, so its malfunction may interfere with safe navigation.

**<Daily inspection items of safety valve>**

- **Visual inspection  (Once a day)**
  - Are there no steam leakage from safety valve or drip pan?
  - Are there no drain water dropping from drain discharge pipe of drip pan or drain port?
  - Are there no steam leakage from an outlet side of atmosphere release tube of safety valve (that is typically installed on funnel)?
    
    If slight steam leakage from safety valve is neglected, impurities included in boiler water deposit on valve seat or valve body to cause malfunction. That also causes corrosion of springs or valve stem, and it leads to malfunction or blow off below the specified pressure. Malfunction of safety valve may cause supply stop of steam. Prompt action is required.
    
    In case that there are steam leakage or drain water dropping, we recommend replacement of safety valve or overhaul by maker, dockyard or repair shop, which has appropriate inspection equipment.

- **Visual inspection  (Once a week)**
  - Are lifting lever, wire and handle of safety valve normal? Are they operable in case of emergency?
  - Are lifting lever and wire connected properly?
  - Are wire and handle in proper position?
  - Does wire not come off from pulley?
    
    Lifting lever is installed to operate safety valve manually in case of emergency such as steam leakage from boiler body or mounting valves on the boiler and malfunction of safety devices. This lever is connected with wire, and pulling a handle operates safety valve. Please confirm for emergencies that safety valve is always operable.
Please contact the nearest MIURA’s office if you have any questions.
We look forward to your continued patronage.

SHIP MACHINERY DEPT.  
TEL: 81-89-979-7066  
FAX: 81-89-979-7067  
E-mail: hakuyo_mka@miuraz.co.jp

SHIMANAMI MAINTENANCE DIV.  
TEL: 81-84-930-0740  
FAX: 81-84-930-0741  
E-mail: hakuyoshimanamimka_ippan@miuraz.co.jp

TOKYO MAINTENANCE DIV.  
TEL: 81-3-5793-1047  
FAX: 81-3-5793-1045

KYUSHU MAINTENANCE DIV.  
TEL: 81-92-432-3277  
FAX: 81-92-432-3278

MIURA SOUTH EAST ASIA PTE. LTD. (SINGAPORE)  
TEL: 65-6465-1147  
FAX: 65-6465-1148

MIURA Co., Ltd. ROTTERDAM OFFICE  
TEL: 31-10-412-2015  
FAX: 31-10-412-3672

All Right Reserved, Copyright © 2014, MIURA Co.,Ltd.