Hitachi Zosen INOVA	LESSON LEARNED	Doc. No.: GP426 F39 Rev. 00
Hitachi Zosen Inova		

Environmental – LTI Broken arm by manual handling without mechanical aids

Number	2022-09	Date	20/07/2022

Summary:

At the time of the accident, the Ip was assigned to install components in a system skid.
In the scope of these activities, a valve block weighing approx. 60 kg also had to be installed.

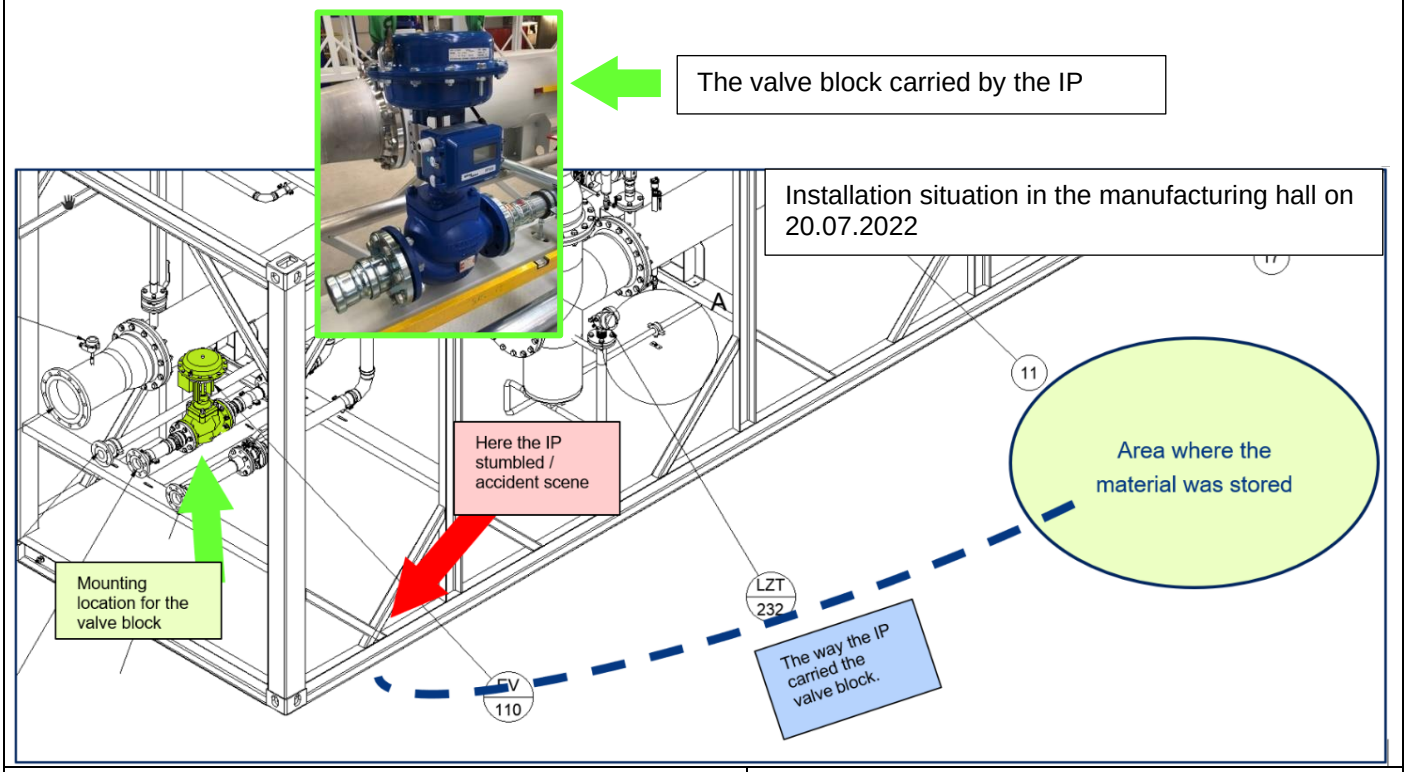
To move the valve block, the IP does not use the existing overhead crane, which is usually used for transporting and positioning heavy components.

Instead, he tried to carry the valve block to the installation site by hand. While trying to lift the valve block into the rack, he lost his balance and the valve block slipped away.

Outcome:

Broken elbow bone in the right forearm

Incident Classification: **LTI , Level 2**



Root Causes and Contributory Factors

- Stumbling while carrying a heavy load.
- Non-compliance with safety measures and relevant Method Statement & Risk Assessment for handling heavy loads.
- Lack of Risk perception.
- The combination of new work tasks and low staffing levels coupled with increased time pressure can be seen as an additional hazardous factor.

Lesson Learned

The accident could have been avoided if the available tools had been used. The non-use of these tools indicates that the IP misjudged the dangers of his actions. This in turn may indicate that the IP's awareness of HSE was insufficient.
Therefore, please note:

- Always check that you are carrying out the work safely.
- Ensure the task is executed as per approved RAMS, otherwise engage your leader to revised it together with your HSE person in charge.
- Do not take any short cut
- Always follow manual safe handling techniques

Every Lesson Learned is an opportunity to avoid recurrences.
What have you done to avoid a similar incident on your project?