

There are 64 fans per unit at Medupi PowerStation; the configuration below is an illustration of the current process of hooking up at Medupi ACC fans while conducting blade torque.

The team currently uses an existing beam that is designed to serve the purpose of a handrail. The team places a sling around this beam and then hooks the lifeline on the sling; this lifeline is then used to hook the harnesses when doing blade torque. The team is using this handrail because the plant does not make provision for the team to hook up in the form of anchor points.



*Figure 1. Nylon Sling Connection.*

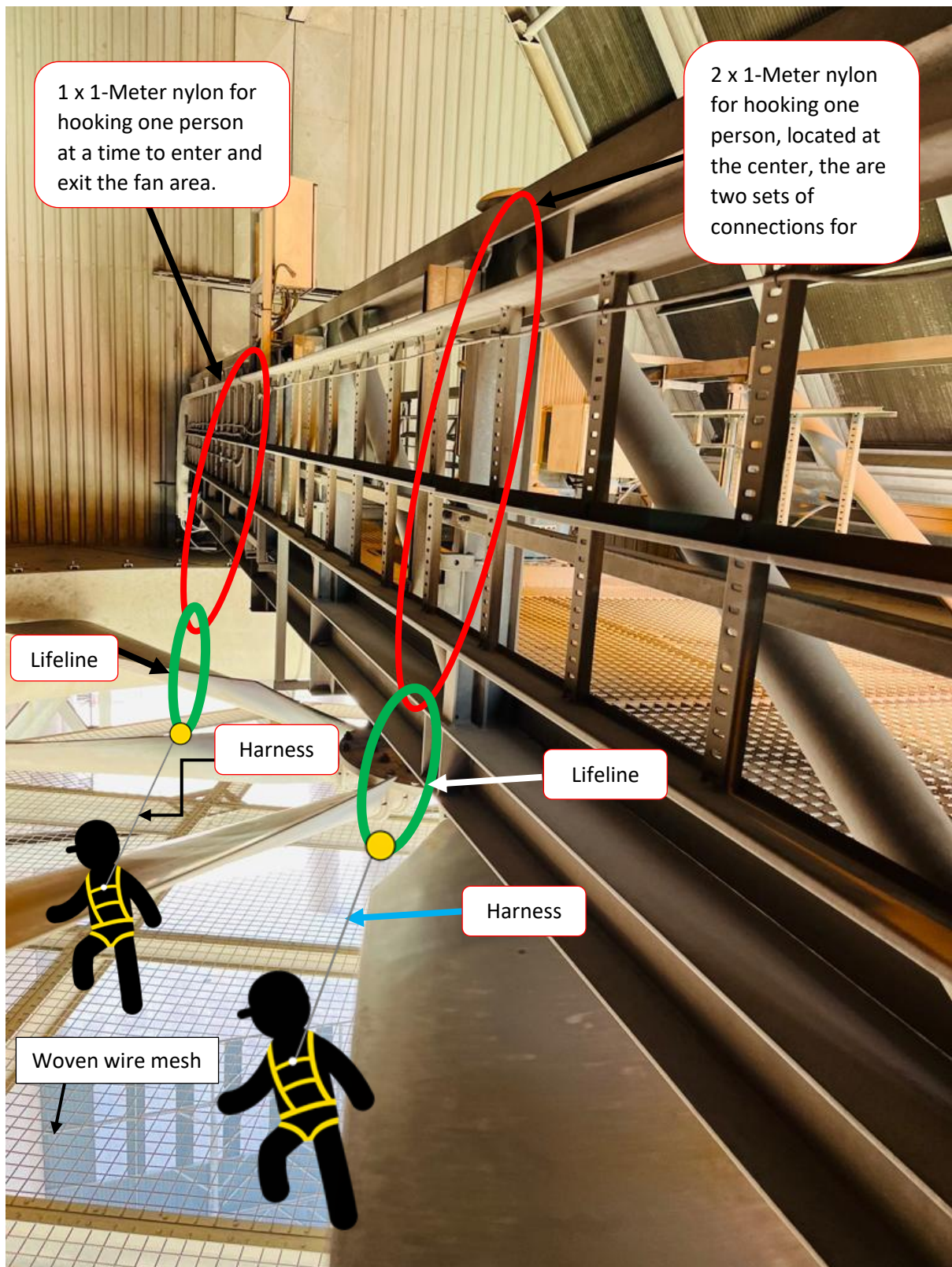


Figure 2. Lifeline configuration.

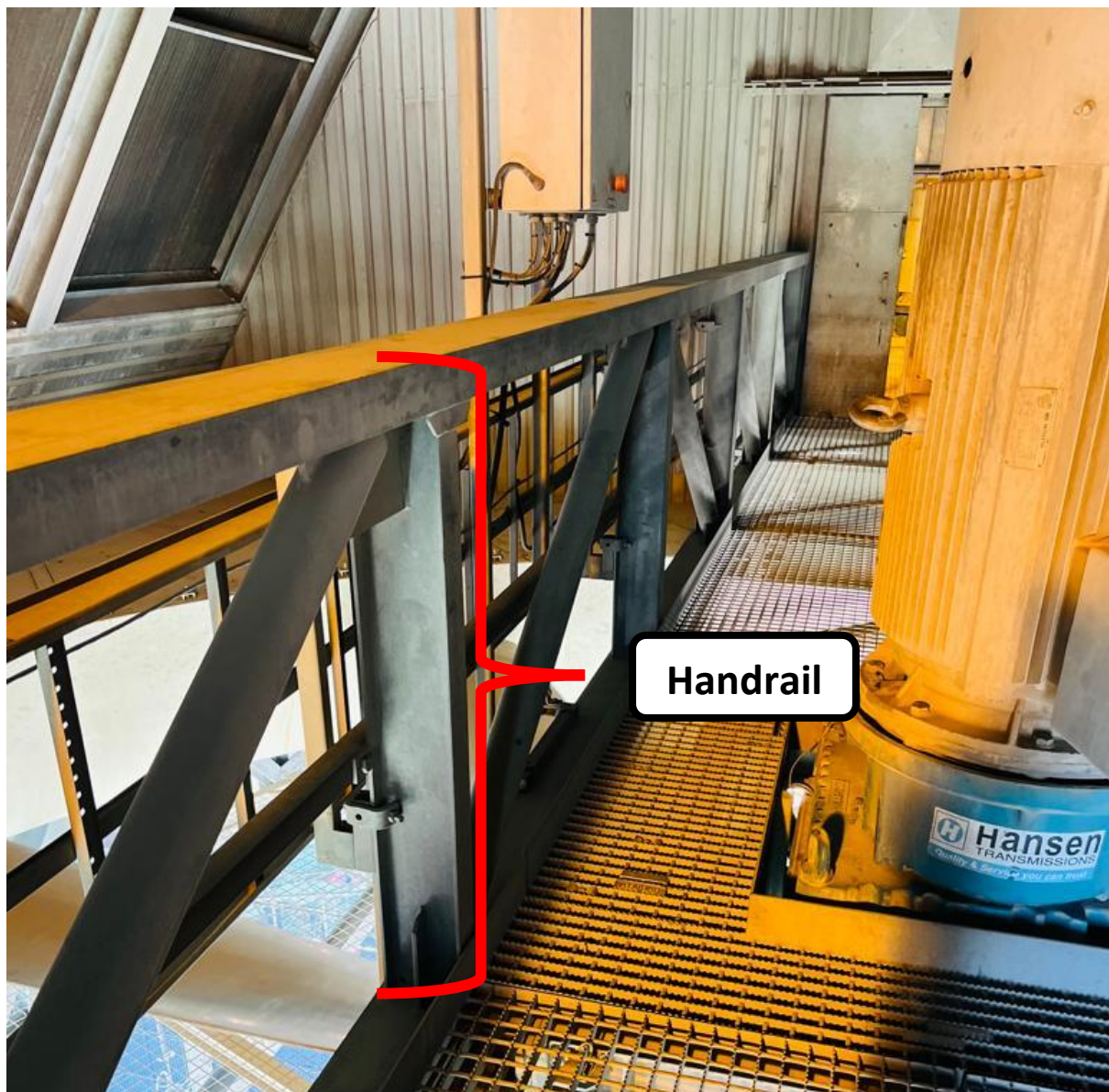
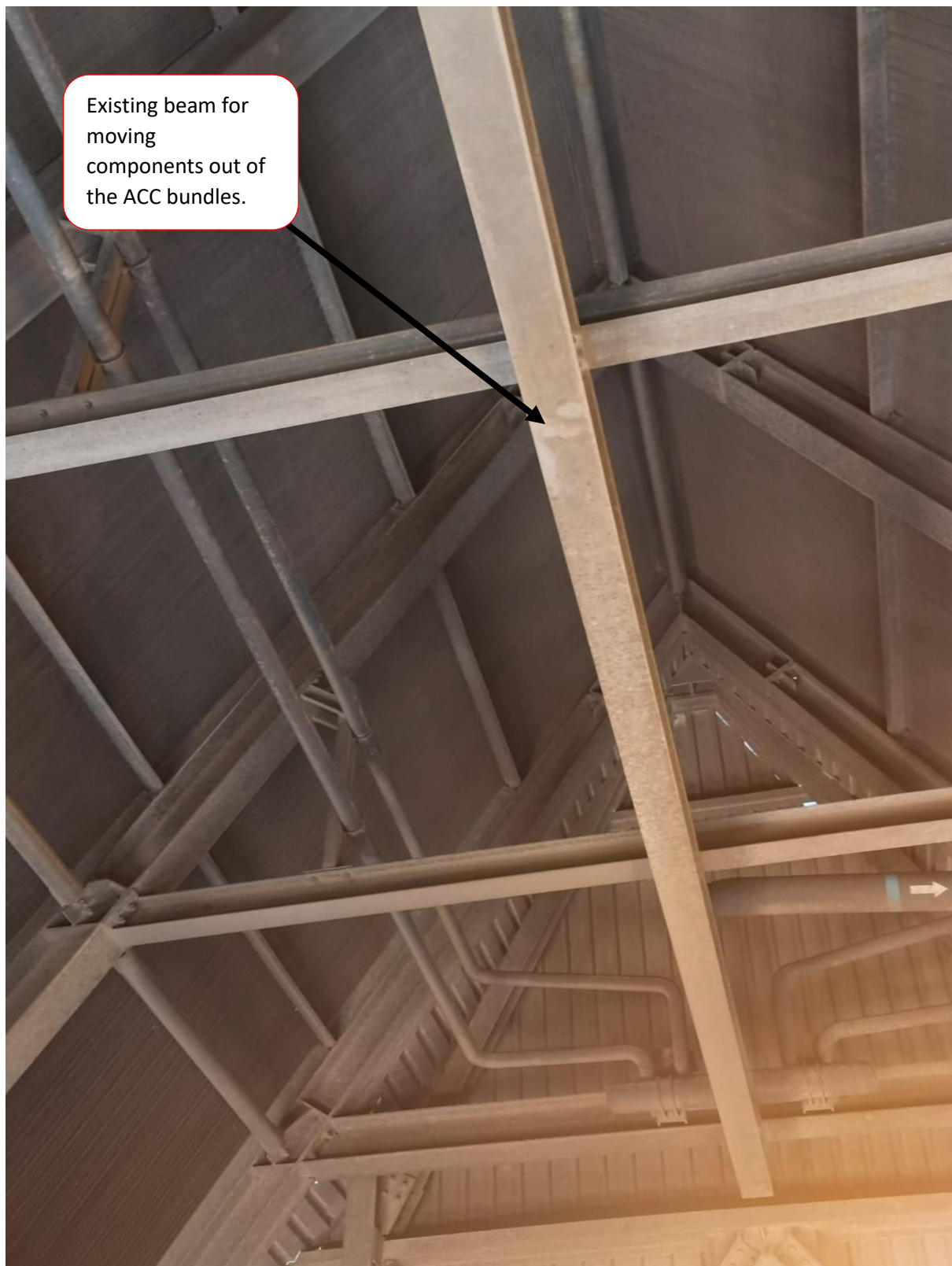


Figure 3. Handrail structure



*Figure 4.Existing crawl beam*